

IHC your way.

Supporting all your IHC needs.



Proteintech offers a wide range of high-quality reagents for immunohistochemistry (IHC) including antibodies, kits, buffers and supporting products to help you achieve publication-worthy IHC data at highly competitive prices. We have products for supporting the IHC needs of a broad spectrum of IHC users ranging from beginners with no prior IHC experience to highly experienced researchers performing IHC experiments on a regular basis in their labs.

Proteintech's IHC portfolio includes:

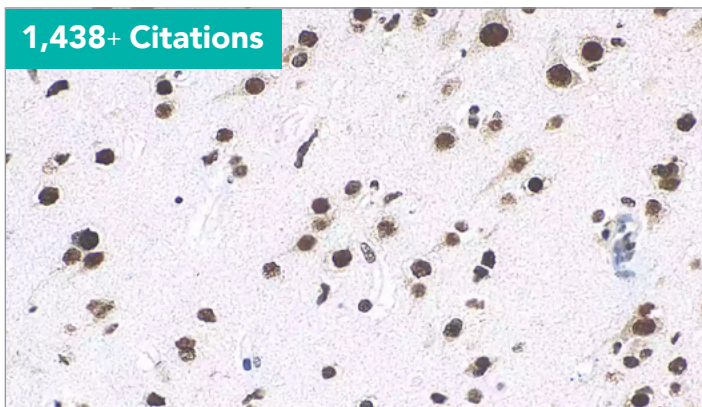
- ✓ Primary Antibodies for IHC
- ✓ Multi-rAb Recombinant Secondary Antibodies for IHC
- ✓ IHC Prep & Detect Kits
- ✓ IHC Detect kits
- ✓ IHceasy Kits
- ✓ Antigen Retrieval Buffers
- ✓ Hydrophobic IHC Pens

Primary Antibodies for IHC

Proteintech is a leading provider of antibodies with a wide selection of over 9,000 primary antibodies with demonstrated success in IHC applications. All our primary antibodies are developed and tested in each application by Proteintech scientists to ensure high specificity, with the broadest range of knockdown/knockout validated antibodies in the industry.

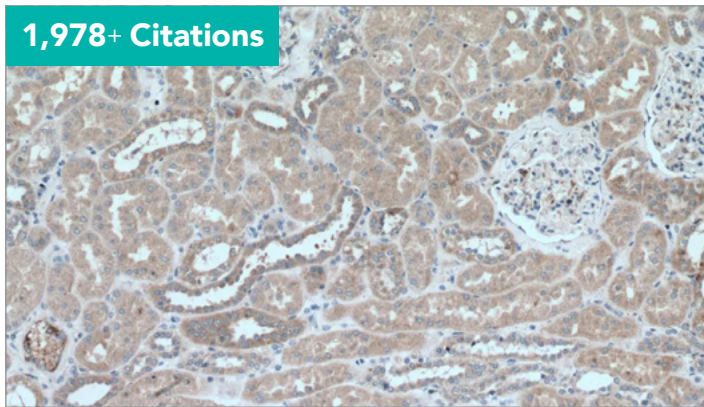
Top Cited Antibodies Validated for IHC

1,438+ Citations



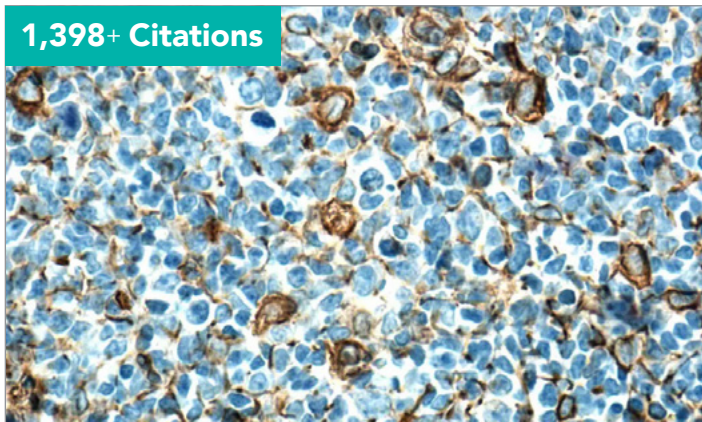
▲ IHC analysis of human glioma tissue using 10782-2-AP (TDP-43 antibody) at dilution of 1:4000 (under 40x lens).

1,978+ Citations



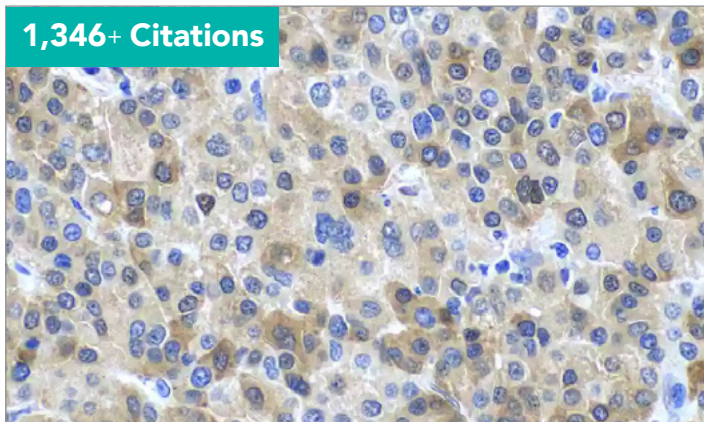
▲ IHC analysis of human kidney tissue using 19677-1-AP (Caspase 3 antibody) at dilution of 1:200 (under 10x lens).

1,398+ Citations



▲ IHC analysis of human tonsillitis tissue using 10366-1-AP (Vimentin antibody) at dilution of 1:2000 (under 40x lens).

1,346+ Citations



▲ IHC analysis of human liver cancer tissue using 18420-1-AP (P62,SQSTM1 antibody) at dilution of 1:500 (under 40x lens).

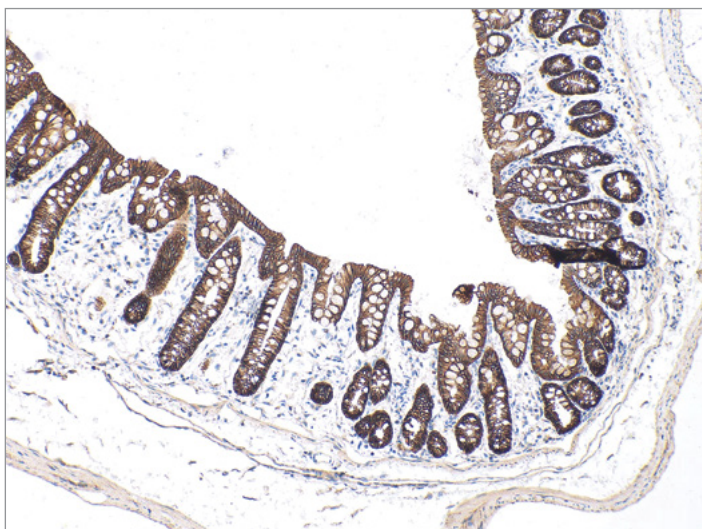


Scan to view our full selection of antibodies for IHC

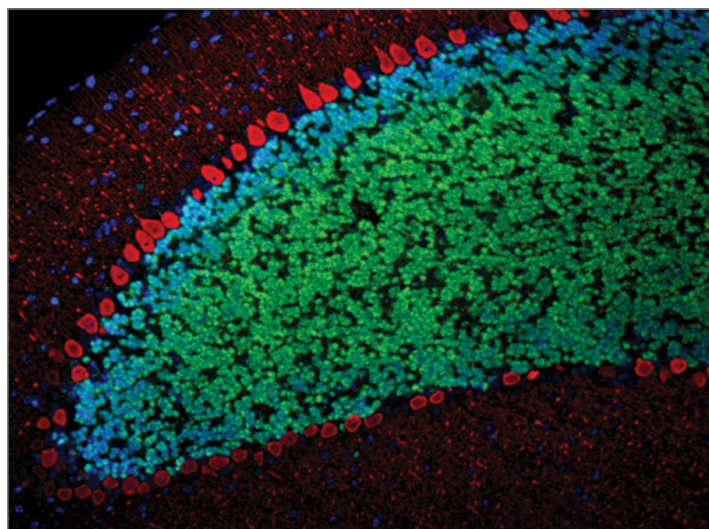
Secondary Antibodies for IHC

Proteintech offers Multi-rAb Recombinant Secondary Antibodies conjugated to a variety of fluorescent dyes and enzymes for fluorescent and chromogenic signal detection, respectively in IHC applications. Multi-rAb Recombinant Secondary Antibodies are finely crafted mixtures of recombinant goat monoclonal antibodies that recognize multiple complementary epitopes on the same IgG. Each recombinant clone in the final multiclonal mixture is carefully selected after rigorous characterization and screening to ensure high sensitivity, minimal cross-reactivity, and low background. Moreover, since Multi-rAb secondaries are generated using a recombinant platform they ensure high lot-to-lot consistency resulting in highly reproducible results.

Our Multi-rAb polymer HRP recombinant secondary antibodies enable highly sensitive, biotin-free detection of mouse or rabbit primary antibodies. Unlike traditional avidin-biotin based signal amplification methods, polymer HRP-based detection offers advantages of lower background and faster protocol with fewer steps. Therefore, we highly recommend using our Multi-rAb polymer HRP secondary antibodies for chromogenic IHC staining workflows. We also offer Multi-rAb recombinant secondary antibodies conjugated to various CoraLite Plus dyes for fluorescent IHC staining workflows.



▲ IHC analysis of FFPE mouse colon tissue using E-cadherin antibody (20874-1-AP). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). Multi-rAb Polymer HRP-Goat anti-rabbit Recombinant secondary antibody (RGAR011) was used for detection.



▲ IF analysis of FFPE mouse cerebellum tissue stained with anti-NeuN antibody (26975-1-AP) and anti-Calbindin-D28k antibody (66394-1-Ig). Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (RGAR002) and Multi-rAb CoraLite® Plus 594-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM004) were used for detection.

Multi-rAb Recombinant Secondary Antibodies

Species Reactivity	Conjugates
Rabbit	CoraLite® Plus 488, CoraLite® Plus 555, CoraLite® Plus 594, CoraLite® Plus 647, CoraLite® Plus 750, Poly HRP NEW
Mouse	CoraLite® Plus 488, CoraLite® Plus 555, CoraLite® Plus 594, CoraLite® Plus 647, CoraLite® Plus 750, Poly HRP NEW



IHC Prep & Detect Kits

IHC Prep & Detect Kits can be paired with any IHC validated primary antibody of choice for developing complete IHC workflows. Kit components include:



- Antigen retrieval buffer
- Washing buffer
- Blocking buffer
- Quenching buffer
- Primary antibody diluent
- Secondary antibody
- Chromogen component A
- Chromogen component B
- Signal enhancer
- Counter staining reagent
- Mounting media

Catalog No.	Product Name	Secondary Antibody Species Specificity	Size
PK100017	IHC Prep & Detect Kit for Rabbit Primary Antibody	Rabbit	50T
PK10018	IHC Prep & Detect Kit for Mouse Primary Antibody	Mouse	50T
PK10019	IHC Prep & Detect Kit for Rabbit/Mouse Primary Antibody	Rabbit/Mouse	50T



Scan to view all IHC reagent kits

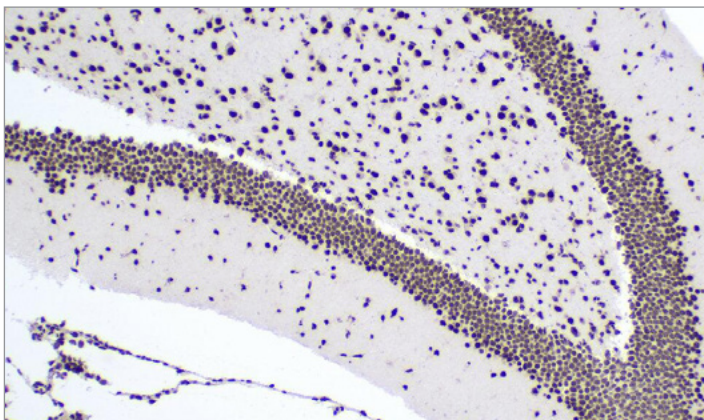
IHC Detect Kits

IHC Detect Kits are designed to facilitate highly sensitive chromogenic signal detection with reduced background staining. Kit components include:

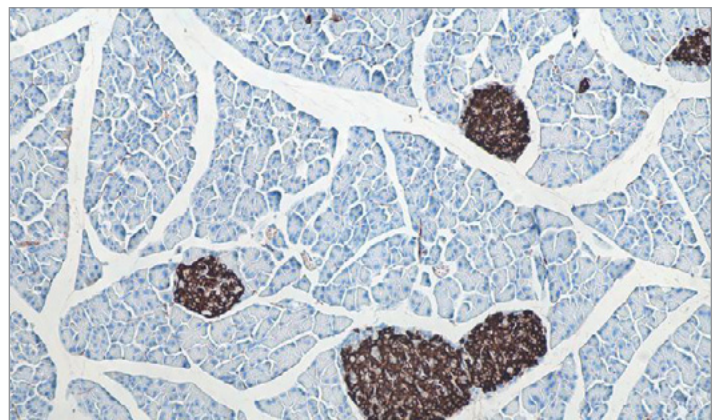


- Quenching buffer
- Primary antibody diluent
- Secondary antibody
- Chromogen component A
- Chromogen component B

Catalog No.	Product Name	Secondary Antibody Species Specificity	Size
PK10009	IHC Detect Kit for Rabbit Primary Antibody	Rabbit	60T
PK10010	IHC Detect Kit for Mouse Primary Antibody	Mouse	60T
PK10006	IHC Detect Kit for Rabbit/Mouse Primary Antibody	Rabbit/Mouse	60T



▲ IHC analysis of mouse brain tissue using Proteintech's **TDP-43 rabbit recombinant antibody (80001-1-RR)** and IHC Prep & Detect Kit for Rabbit Primary Antibody (PK10017).



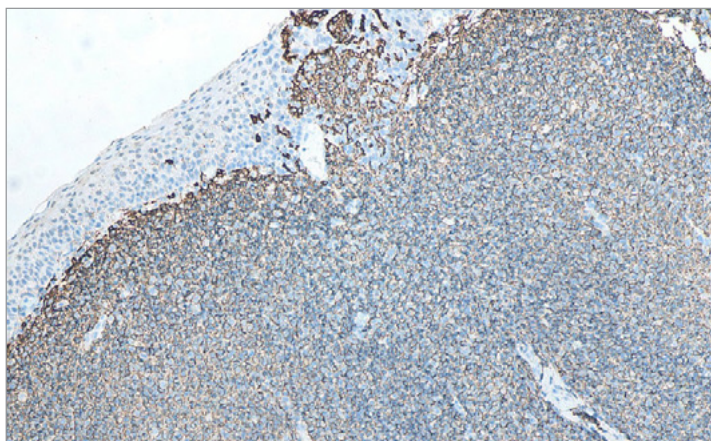
▲ IHC analysis of mouse pancreas tissue using Proteintech's **Insulin mouse monoclonal antibody (66198-1-Ig)** and IHC Detect Kit for Mouse Primary Antibody (PK10010).

IHCeasy Kits

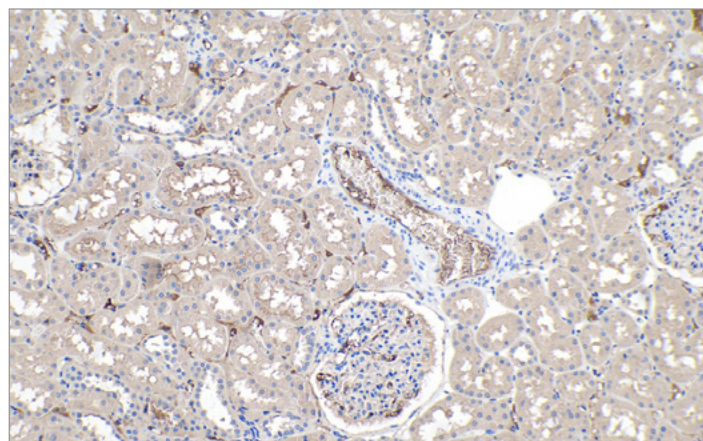
IHCeasy kits are target-specific, complete IHC workflow kits with a pre-optimized primary antibody that can be directly applied to tissue sections saving time and precious samples. In addition, all other reagents needed for the entire staining workflow from antigen retrieval to mounting are included in these kits. Kit components include:



- Primary antibody
- Optional control slide
- Antigen retrieval buffer
- Blocking buffer
- Washing buffer
- Secondary antibody
- Chromogen
- Counter stain
- Signal enhancer
- Mounting media



▲ Human tonsillitis tissue stained with CD20 IHCeasy kit (KHC0018).



▲ Human kidney tissue stained with APOL1 IHCeasy kit (KHC0223).

IHCeasy kits have a broad target coverage across multiple research areas

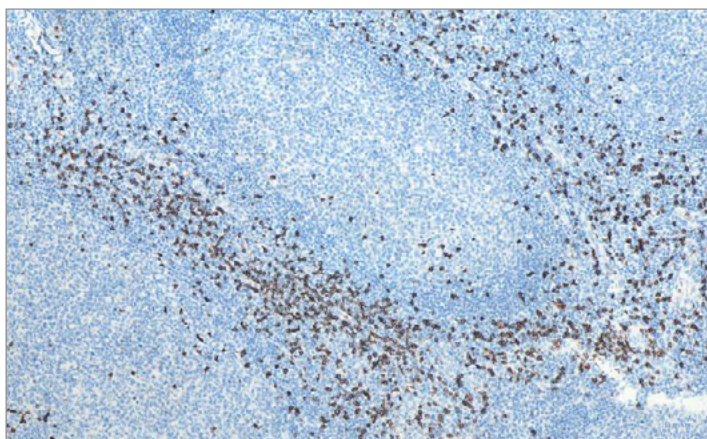
- ✓ Adipose Tissue
- ✓ Cancer & EMT
- ✓ Epigenetics
- ✓ Immunology
- ✓ Kidney disease
- ✓ Muscular disorders
- ✓ Neuroscience
- ✓ Signaling
- ✓ Stem cell research



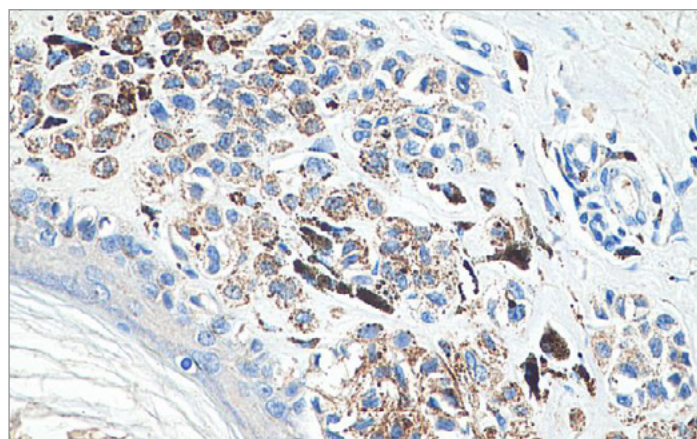
Antigen Retrieval Buffers

Proteintech offers a variety of pre-formulated antigen retrieval buffers for performing either heat-induced epitope retrieval (HIER) or protease-induced epitope retrieval (PIER) based on target antigen compatibility. We offer:

- Tris-EDTA Antigen Retrieval Buffer (PR30002)
- Citrate Antigen Retrieval Buffer (PR30001)
- Protease K Antigen Retrieval Buffer (PR30014)



▲ IHC analysis of human malignant melanoma tissue with Proteintech's **ALPP mouse monoclonal antibody (60294-1-Ig)**. Protease-induced epitope retrieval was performed by incubating at 37°C for 15 minutes in **Protease K Antigen Retrieval Buffer (PR30014)**.



▲ IHC analysis of human tonsillitis tissue with Proteintech's **CD8 mouse monoclonal antibody (66868-1-Ig)**. Heat-induced epitope retrieval was performed using **Tris-EDTA Antigen Retrieval Buffer (PR30002)**.

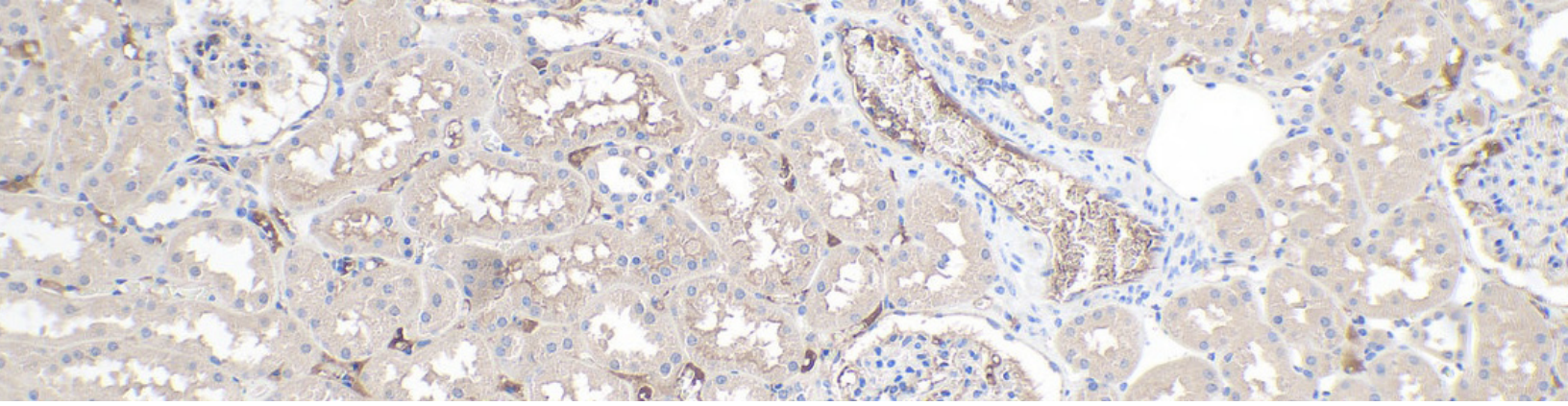


Hydrophobic IHC Pens (PR30013)

Proteintech's hydrophobic IHC pens can be used for marking around the tissue sections on slides during IHC, thereby creating a water-repellent barrier around the tissues that prevents reagents from running off the slides. This helps reduce the unnecessary wastage of reagents during IHC.

Scan to view all supporting products for IHC





Publish faster with Proteintech

Proteintech products have been cited over 200,000 times in journals worldwide and enable scientists to publish reliable and reproducible results.

Antibodies & Immunoassays

- Primary antibodies against 13,500+ human targets
- CoraLite[®] conjugated antibodies for immunofluorescence
- Secondary antibodies
- Loading control and isotype control antibodies
- NeutraKine[™] neutralizing antibodies
- FlexAble Antibody Labeling Kits
- ELISA kits
- IHCeasy Ready-to-use kits
- Cell separation kits
- Western blot and flow cytometry supporting reagents

What makes Proteintech antibodies different?

- Developed and validated by Proteintech scientists
- Risk-free trial of antibodies for any species and any application with our Proteintech Guarantee
- Specificity verified by **KD/KO Validation**
- Lot-to-lot consistency
- Trial sizes available