

For Research Use Only

Cytokeratin 8 Monoclonal antibody, PBS Only (Capture)

Catalog Number: 68627-1-PBS



Basic Information

| | | |
|---|--|---|
| Catalog Number: 68627-1-PBS | GenBank Accession Number: BC000654 | Purification Method: Protein G purification |
| Size: 100ug, Concentration: 1mg/ml by Nanodrop; | GeneID (NCBI): 3856 | CloneNo.: 1F2H5 |
| Source: Mouse | UNIPROT ID: P05787 | |
| Isotype: IgG1 | Full Name: keratin 8 | |
| Immunogen Catalog Number: AG0488 | Calculated MW: 54 kDa | |
| | Observed MW: 50-52 kDa | |

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

Product Information

68627-1-PBS targets Cytokeratin 8 as part of a matched antibody pair:

MP51080-1: 68627-1-PBS capture and 68627-2-PBS detection (validated in Cytometric bead array)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Background Information

Keratins are a large family of proteins that form the intermediate filament cytoskeleton of epithelial cells, which are classified into two major sequence types. Type I keratins are a group of acidic intermediate filament proteins, including K9-K23, and the hair keratins Ha1-Ha8. Type II keratins are the basic or neutral counterparts to the acidic type I keratins, including K1-K8, and the hair keratins, Hb1-Hb6. KRT8 is often paired with keratin 18 in vivo.

Storage

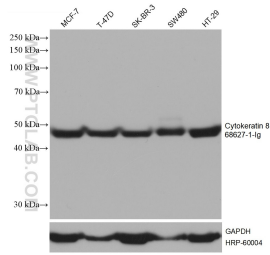
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

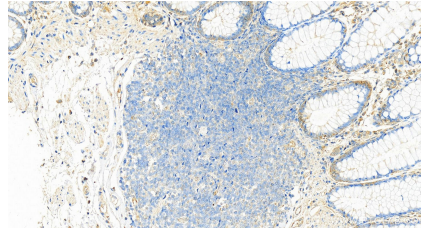
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

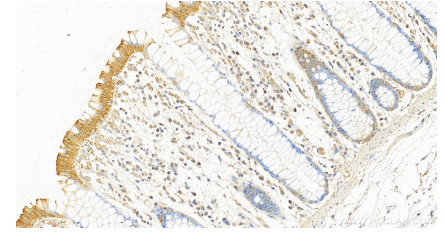
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68627-1-Ig (KRT8 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 68627-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human normal colon slide using 68627-1-Ig (Cytokeratin 8 antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68627-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human normal colon slide using 68627-1-Ig (Cytokeratin 8 antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68627-1-PBS in a different storage buffer formulation.