For Research Use Only

INTS5 Recombinant antibody, PBS Only (Detector)

Catalog Number:83154-1-PBS

proteintech®
Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
83154-1-PBS

Size:
100ug , Concentration: 1mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG5129

GenBank Accession Number:
BC060841

GeneID (NCBI):
80789

UNIPROT ID:
Q6P9B9

Full Name:
integrator complex subunit 5

Calculated MW:
108 kDa

Purification Method:
Protein A purification

CloneNo.:
230462B10

Applications

Tested Applications:
Indirect ELISA, Cytometric bead array, IF/ICC, WB

Species Specificity:
mouse, human

Product Information

83154-1-PBS targets INTS5 as part of a matched antibody pair:

MP00141-2: 83154-3-PBS capture and 83154-1-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

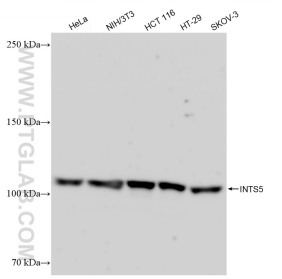
This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications.Antibody use should be optimized by the end user for each application and assay.

Storage

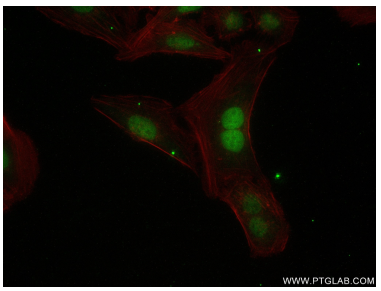
Storage:
Store at -80°C.
Storage Buffer:
PBS Only

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

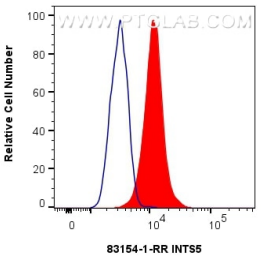
Selected Validation Data



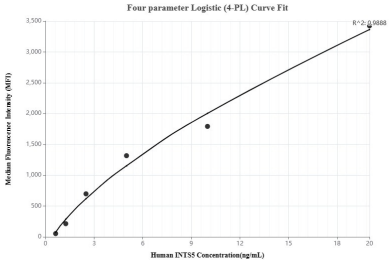
Various lysates were subjected to SDS PAGE followed by western blot with 83154-1-RR (INTS5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83154-1-PBS in a different storage buffer formulation.



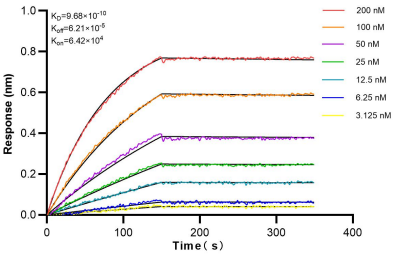
Immunofluorescent analysis of (4% PFA) fixed U2OS cells using INTS5 antibody (83154-1-RR, Clone: 230462B10) at dilution of 1:100 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 83154-1-PBS in a different storage buffer formulation.



1x10^6 HeLa cells were intracellularly stained with 0.4 ug INTS5 Recombinant antibody (83154-1-RR, Clone:230462B10) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.4 ug Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 83154-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve ofMP00141-2, INTS5 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83154-3-PBS. Detection antibody: 83154-1-PBS. Standard: Ag5129. Range: 0.625-20 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 83154-1-RR against Human INTS5 were performed. The affinity constant is 0.968 nM.