

For Research Use Only

RIPK3 Monoclonal antibody, PBS Only (Detector)

Catalog Number: 68786-2-PBS



Basic Information

| | | |
|--|---|---|
| Catalog Number: 68786-2-PBS | GenBank Accession Number: BC062584 | Purification Method: Protein A purification |
| Size: 100ug , Concentration: 1mg/ml by Nanodrop; | GeneID (NCBI): 11035 | CloneNo.: 1F7B3 |
| Source: Mouse | UNIPROT ID: Q9Y572 | |
| Isotype: IgG1 | Full Name: receptor-interacting serine-threonine kinase 3 | |
| Immunogen Catalog Number: AG11759 | Calculated MW: 518 aa, 57 kDa | |
| | Observed MW: 57 kDa | |

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human, mouse, rat

Product Information

68786-2-PBS targets RIPK3 as part of a matched antibody pair:

MP50152-1: 68786-1-PBS capture and 68786-2-PBS detection (validated in Cytometric bead array)

MP50152-3: 68786-3-PBS capture and 68786-2-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

RIPK3, also named as RIP3, a Ser/Thr kinase of RIP (Receptor Interacting Protein) family, is recruited to the TNFR1 signaling complex through RIP and has been shown to mediate apoptosis induction and NF- κ B activation. RIPK3 is a nucleocytoplasmic shuttling protein and its unconventional nuclear localization signal (NLS, 442-472 aa) is sufficient to trigger apoptosis in the nucleus (PMID:18533105). It has 3 isoforms produced by alternative splicing. RIPK3 might form a homodimer within cells, and its apoptotic activity may not be required for this dimerization (PMID:18533105).

Storage

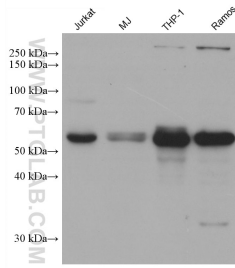
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

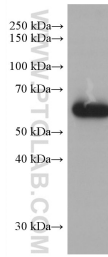
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

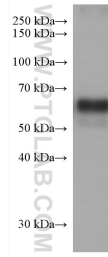
Selected Validation Data



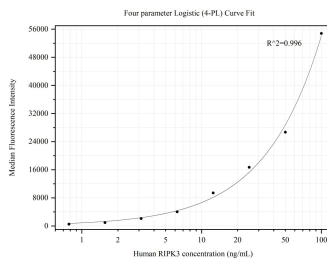
Various lysates were subjected to SDS PAGE followed by western blot with 68786-2-Ig (RIPK3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68786-2-PBS in a different storage buffer formulation.



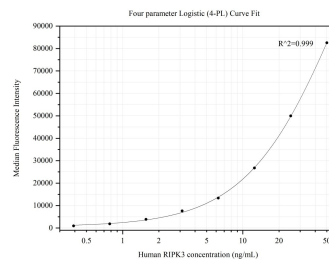
HT-29 cells were subjected to SDS PAGE followed by western blot with 68786-2-Ig (RIPK3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68786-2-PBS in a different storage buffer formulation.



SK-BR-3 cells were subjected to SDS PAGE followed by western blot with 68786-2-Ig (RIPK3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68786-2-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP50152-1, RIPK3 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68786-1-PBS. Detection antibody: 68786-2-PBS. Standard: Ag11759. Range: 0.781-100 ng/mL.



Cytometric bead array standard curve of MP50152-3, RIPK3 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68786-3-PBS. Detection antibody: 68786-2-PBS. Standard: Ag11759. Range: 0.391-50 ng/mL.