

For Research Use Only

TAB2 Recombinant antibody, PBS Only (Detector)

Catalog Number: 82948-1-PBS



Basic Information

Catalog Number: 82948-1-PBS	GenBank Accession Number: BC035910	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 23118	CloneNo.: 230118G2
Source: Rabbit	UNIPROT ID: Q9NYJ8	
Isotype: IgG	Full Name: mitogen-activated protein kinase kinase kinase 7 interacting protein 2	
Immunogen Catalog Number: AG5742	Calculated MW: 76 kDa	
	Observed MW: 77 kDa	

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human, mouse

Product Information

82948-1-PBS targets TAB2 as part of a matched antibody pair:

MP00082-3: 82948-3-PBS capture and 82948-1-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.

Background Information

Tab2 has a role in the inflammatory signal transduction pathway and is involved in the reversal of NCoR-dependent and NFkB- or APP-mediated gene repression and androgen antagonist response. Besides, it is identified as a cofactor for ERBB4 to assemble NCoR corepressor complex in response to neuregulin [PMID:16469706]. It also functions as an adaptor that links TAK1 and TRAF6 in response to interleukin-1 β (IL-1 β) or tumour necrosis factor- α (TNF- α), and thereby mediates TAK1 activation [PMID:11460167].

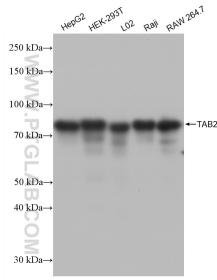
Storage

Storage:
Store at -80°C.
Storage Buffer:
100% PBS pH 7.3

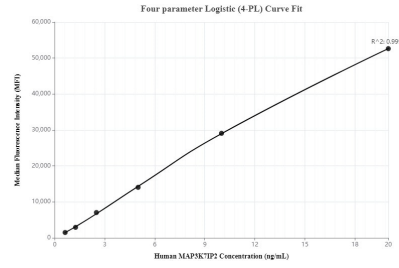
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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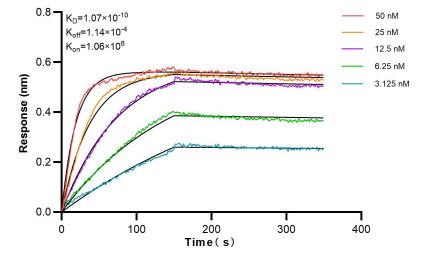
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82948-1-RR (MAP3K7IP2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82948-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP00082-3, TAB2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82948-3-PBS. Detection antibody: 82948-1-PBS. Standard: Ag5742. Range: 0.625-20 ng/mL.



Bi-layer interferometry (BLI) kinetic assays of 82948-1-RR against Human TAB2 were performed. The affinity constant is 0.107 nM.