

For Research Use Only

Mouse CD30/TNFRSF8 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84420-2-PBS



Basic Information

Catalog Number: 84420-2-PBS	GenBank Accession Number: NM_009401.2	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 21941	CloneNo.: 241710F3
Source: Rabbit	UNIPROT ID: Q60846	
Isotype: IgG	Full Name: tumor necrosis factor receptor superfamily, member 8	
	Calculated MW: 53kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
mouse

Product Information

84420-2-PBS targets CD30/TNFRSF8 as part of a matched antibody pair:

MP01307-1: 84420-2-PBS capture and 84420-1-PBS detection (validated in Cytometric bead array)

MP01307-2: 84420-2-PBS capture and 84420-3-PBS detection (validated in Cytometric bead array)

MP01307-4: 84420-2-PBS capture and 84420-4-PBS detection (validated in Sandwich ELISA)

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

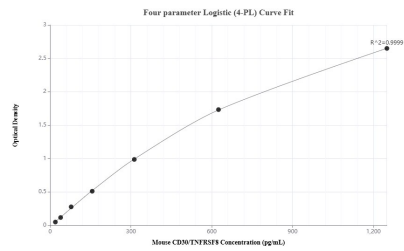
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

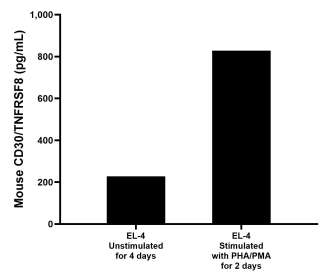
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

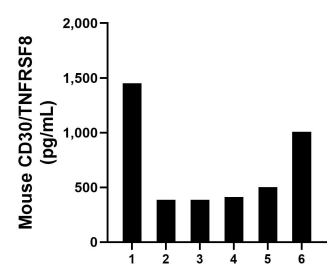
Selected Validation Data



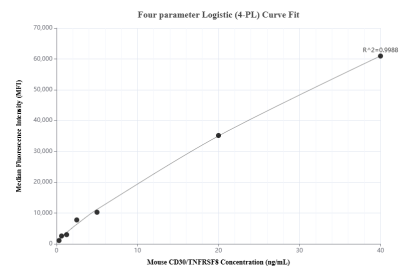
Sandwich ELISA standard curve of MP01307-4, Mouse CD30/TNFRSF8 Recombinant Matched Antibody Pair - PBS only. 84420-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1307. 84420-4-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL



EL-4 cells (PBMC) were cultured unstimulated or stimulated with 10 µg/mL PHA and 10 ng/mL PMA for 2 days. The mean CD30/TNFRSF8 concentration was determined to be 227.9 pg/mL in unstimulated cell culture supernatant, 827.7 pg/mL in stimulated cell culture supernatant.



Serum of six mice was measured. The mouse CD30/TNFRSF8 concentration of detected samples was determined to be 691.0 pg/mL with a range of 386.2 - 1,457.7 pg/mL



Cytometric bead array standard curve of MP01307-1, MOUSE CD30/TNFRSF8 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84420-2-PBS. Detection antibody: 84420-1-PBS. Standard: Eg1307. Range: 0.313-40 ng/mL



Cytometric bead array standard curve of MP01307-2, MOUSE CD30/TNFRSF8 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84420-2-PBS. Detection antibody: 84420-3-PBS. Standard: Eg1307. Range: 0.313-40 ng/mL