

For Research Use Only

FAM84B Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 87176-2-PBS



Basic Information

Catalog Number: 87176-2-PBS	GenBank Accession Number: BC052957	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 157638	CloneNo.: 252473F1
Source: Rabbit	UNIPROT ID: Q96KN1	
Isotype: IgG	Full Name: family with sequence similarity 84, member B	
Immunogen Catalog Number: AG13243	Calculated MW: 34 kDa	

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

87176-2-PBS targets FAM84B as part of a matched antibody pair:

MP02903-1: 87176-2-PBS capture and 87176-1-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

FAM84B (Family with sequence similarity 84 member B, also called LRATD2 or BCMP101) is a 34 kDa protein-coding gene that maps to the 8q24.21 "gene-desert" region immediately adjacent to MYC. It contains an LRAT-like domain (homologous to the H-Ras-like suppressor family) and is increasingly recognized as a cancer-risk gene whose copy-number amplification and over-expression drive tumor growth in multiple solid tumors.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

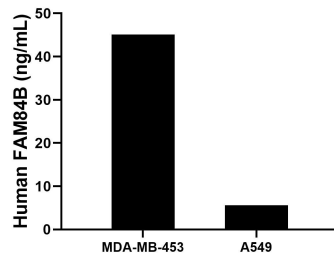
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

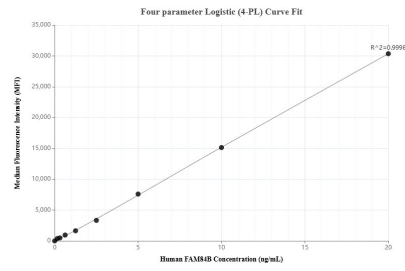
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean FAM84B concentration was determined to be 45.1 ng/mL in MDA-MB-453 cell extract based on a 1.8 mg/mL extract load, 4.3 ng/mL in A549 cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP02903-1, FAM84B Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87176-2-PBS. Detection antibody: 87176-1-PBS. Standard: Ag13243. Range: 0.156-20 ng/mL.