

FBXW7 Monoclonal antibody, PBS Only (Detector)

Catalog Number: 67234-1-PBS

Basic Information

Catalog Number: 67234-1-PBS	GenBank Accession Number: NM_001349798	Purification Method: Protein A purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 55294	CloneNo.: 2A10E5
Source: Mouse	UNIPROT ID: Q969H0	
Isotype: IgG1	Full Name: F-box and WD repeat domain containing 7	
Immunogen Catalog Number: AG28471	Calculated MW: 66 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

67234-1-PBS targets FBXW7 as part of a matched antibody pair.

MP51687-1: 67234-2-PBS capture and 67234-1-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

FBXW7, also named as FBW7, FBX30, SEL10 and hAgo, is a substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. It probably recognizes and binds to phosphorylated target proteins. FBXW7 is involved in the degradation of cyclin-E, MYC, NOTCH1 released notch intracellular domain (NICD), and probably PSEN1. FBXW7 is a general tumor suppressor in human cancer (PMID: 17909001). FBXW7 has 3 isoforms ($\alpha/\beta/\gamma$) with the calculated molecular mass of 80 kDa, 70 kDa and 66 kDa, and apparent molecular mass of 100-110 kDa and 66-75 kDa (PMID: 18559665).

Storage

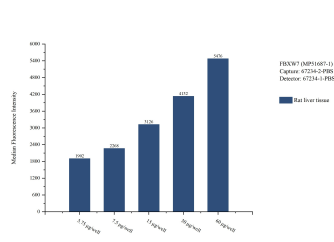
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

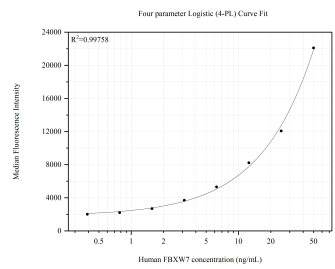
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Cytometric bead array sample test of MP51687-1, FBXW7 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 67234-2-PBS. Detection antibody: 67234-1-PBS.



Cytometric bead array standard curve of MP51687-1, FBXW7 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 67234-2-PBS. Detection antibody: 67234-1-PBS. Standard:Ag28471. Range: 0.391-50 ng/mL.