

FBXW7 Monoclonal antibody, PBS Only (Detector)

Catalog Number: 67234-1-PBS

Basic Information

Catalog Number:

67234-1-PBS

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG28471

GenBank Accession Number:

NM_001349798

GeneID (NCBI):

55294

UNIPROT ID:

Q969H0

Full Name:

F-box and WD repeat domain containing 7

Calculated MW:

66 kDa

Purification Method:

Protein A purification

CloneNo.:

2A10E5

Applications

Tested Applications:

Cytometric bead array, Indirect ELISA

Species Specificity:

human

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 (α / β / γ) 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:

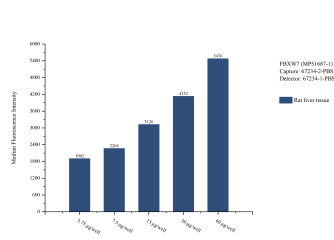
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

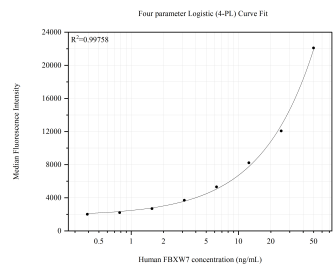
Storage Buffer:

PBS only, pH7.3

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.