

For Research Use Only

FBXW11 Monoclonal antibody

Catalog Number: 68090-1-Ig



Basic Information

Catalog Number: 68090-1-Ig	GenBank Accession Number: BC026213	Purification Method: Protein A purification
Size: 150ul, Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 23291	CloneNo.: 1F5A10
Source: Mouse	UNIPROT ID: Q9UKB1	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:250-1:1000
Isotype: IgG1	Full Name: F-box and WD repeat domain containing 11	
Immunogen Catalog Number: AG3761	Calculated MW: 542 aa, 61 kDa	
	Observed MW: 58-62 kDa	

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

Human, Mouse, Rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : A549 cells, LNCaP cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, HSC-T6 cells, NIH/3T3 cells

IHC : human colon cancer tissue, human stomach cancer tissue

Background Information

FBXW11 (also known as HOS or β -TrCP2) is a member of F-box family proteins and plays critical role in regulating the ubiquitination of phosphorylated substrates. Abnormal expression of several FBXW11 is involved in the modulation of various biological events, such as cell cycle, differentiation, migration, inflammation, and apoptosis, through targeting multiple different substrates. For instance, FBXW11 could bind to the phosphorylated I κ B and β -catenin, promoting their degradation via the ubiquitin-proteasome system. In addition, FBXW11 expression is markedly increased in mouse skin tumors and promotes tumor growth by activating the NF- κ B signaling (PMID: 33640602). FBXW11 has 3 isoforms with the molecular mass of 58-62 kDa.

Storage

Storage:

Store at -20°C.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

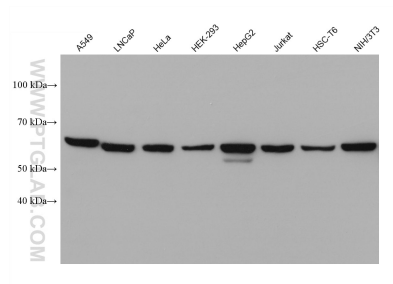
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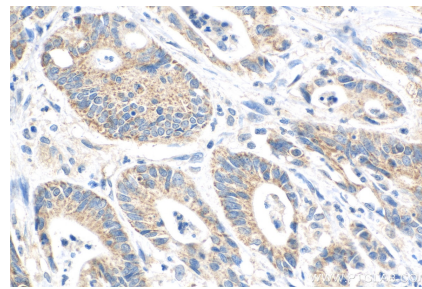
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68090-1-Ig (FBXW11 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 68090-1-Ig (FBXW11 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).