FBXW11 Monoclonal antibody, PBS Only

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Antibodies | ELISA kits | Proteins

Catalog Number:68090-1-PBS

Basic Information

Catalog Number:
68090-1-PBS

Size:
1 mg/ml

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG3761

GenBank Accession Number:
BC026213

GeneID (NCBI):
23291

UNIPROT ID:
Q9UKB1

Full Name:
F-box and WD repeat domain containing 11

Calculated MW:
542 aa, 61 kDa

Observed MW:
58-62 kDa

Purification Method:
Protein A purification

CloneNo.:
1F5A10

Applications

Tested Applications:
WB,Indirect ELISA,IHC
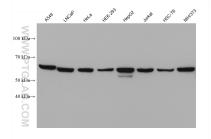
Species Specificity:
Human, Mouse, Rat

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.
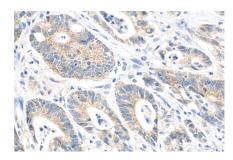
Storage

Storage:
Store at -80℃.
Storage Buffer:
PBS Only

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. This data was developed using the same antibody clone with 68090-1-PBS in a different storage buffer formulation.

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). This data was developed using the same antibody clone with 68090-1-PBS in a different storage buffer formulation.