For Research Use Only

FBXO6 Monoclonal antibody, PBS Only

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Catalog Number:67697-1-PBS Featured Product

Basic Information

Catalog Number:
67697-1-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG2b

Immunogen Catalog Number:
AG30512

GenBank Accession Number:
BC020880

GeneID (NCBI):
26270

UNIPROT ID:
Q9NRD1

Full Name:
F-box protein 6

Calculated MW:
293 aa, 34 kDa

Observed MW:
34 kDa

Purification Method:
Protein A purification

CloneNo.:
3B7F9

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, mouse, rat

Background Information

FBXO6(F-box only protein 6) is also named as FBG2, FBS2, FBX6 and belongs to the F-box protein family. FBXO6 is the substrate recognition component of a Skp1-Cullin1-F-box protein (SCF) ubiquitin E3 ligase complex, recognizing the chitobiose in unfolded N-glycoprotein to target glycoproteins for polyubiquitination and degradation. It can regulate Chk1 ubiquitination and degradation in both normally cycling cells and during replication stress. This protein is mainly detected in the cytoplasm in both cultured cells and in tumor tissues. Its expression is a predictive biomarker of tumor responsiveness to the important anticancer drugs. Positive Fbxo6 expression correlated with early TNM stage and favorable prognosis of NSCLC patients. (PMID:19716789, PMID: 27855403, PMID: 31140586).

Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

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
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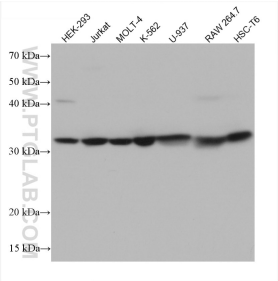
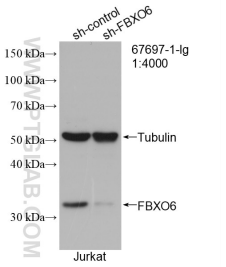
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67697-1-Ig (FBXO6 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67697-1-PBS in a different storage buffer formulation.



WB result of FBXO6 antibody (67697-1-Ig; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FBXO6 transfected Jurkat cells. This data was developed using the same antibody clone with 67697-1-PBS in a different storage buffer formulation.