

For Research Use Only

FBXO22 Monoclonal antibody

Catalog Number: 68650-1-Ig



Basic Information

Catalog Number: 68650-1-Ig	GenBank Accession Number: BC039024	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 26263	CloneNo.: 4B8A12
Source: Mouse	UNIPROT ID: Q8NEZ5	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Full Name: F-box protein 22	
Immunogen Catalog Number: AG5294	Calculated MW: 403 aa, 45 kDa	
	Observed MW: 45 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, K-562 cells
Species Specificity: Human	

Background Information

FBXO22, also named as FBX22, is a substrate-recognition of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex. FBXO22 is a key regulator of senescence induction through ubiquitylation of p53 for degradation. FBXO22 also acts as a molecular switch for the antagonistic and agonistic actions of selective estrogen receptor modulators (SERM) and determines the sensitivity of breast cancer to SERM by ubiquitylating KDM4B complexed with unliganded or SERMs - bound estrogen receptor (ER). (PMID: 32536008, PMID: 32249768)

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

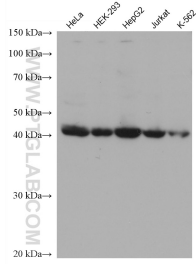
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68650-1-Ig (FBXO22 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.