



FBXO2 mouse mAb

Catalog No	YP-mAb-18385
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	FBXO2 FBX2
Immunogen	Synthesized peptide derived from human FBXO2
Specificity	This antibody detects endogenous levels of FBXO2 at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	FBG1;F-box only protein 2;Fbs1;FBX2;NFB42;FBXO2 FBX2
Observed Band	33-40 kDa
Calculated Molecular Weight	33 kDa
Cell Pathway	Cytoplasm . Microsome membrane ; Peripheral membrane protein ; Cytoplasmic side .
Tissue Specificity	
Function	Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex that mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Involved in the endoplasmic reticulum-associated degradation pathway (ERAD) for misfolded luminal proteins by recognizing and binding sugar chains on unfolded glycoproteins that are retrotranslocated into the cytosol and promoting their ubiquitination and subsequent degradation. Prevents formation of cytosolic aggregates of unfolded glycoproteins that have been retrotranslocated into the cytosol. Able to recognize and bind denatured glycoproteins, preferentially those of the high-mannose type (By similarity).



Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Immunofluorescence analysis of Hep-G2 cells using XBP1S mouse pAb (A22546) at dilution of 1:20 (40x lens). Secondary antibody: Cy3- conjugated Goat anti-mouse IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

Immunofluorescence analysis of HT-29 cells using XBP1S mouse pAb (A22546) at dilution of 1:20 (40x lens). Secondary antibody: Cy3- conjugated Goat anti-mouse IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

Immunofluorescence analysis of Hep-G2 cells using XBP1S mouse pAb (A22546) at dilution of 1:20 (40x lens). Secondary antibody: Cy3- conjugated Goat anti-mouse IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.