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FBXL10 Antibody (monoclonal) (M09)

Mouse monoclonal antibody raised against a partial recombinant FBXL10.
Catalog # AT2011a

Product Information

Application	WB, IF, E
Primary Accession	Q8NHM5
Other Accession	NM_032590
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	5G1
Calculated MW	152615

Additional Information

Gene ID	84678
Other Names	Lysine-specific demethylase 2B, CXXC-type zinc finger protein 2, F-box and leucine-rich repeat protein 10, F-box protein FBL10, F-box/LRR-repeat protein 10, JmjC domain-containing histone demethylation protein 1B, Jumonji domain-containing EMSY-interactor methyltransferase motif protein, Protein JEMMA, Protein-containing CXXC domain 2, [Histone-H3]-lysine-36 demethylase 1B, KDM2B, CXXC2, FBL10, FBXL10, JHDM1B, PCCX2
Target/Specificity	FBXL10 (NP_115979, 457 a.a. ~ 555 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	FBXL10 Antibody (monoclonal) (M09) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

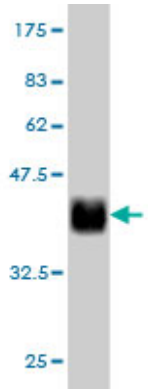
This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbls class. Multiple alternatively spliced transcript variants

have been found for this gene, but the full-length nature of some variants has not been determined.

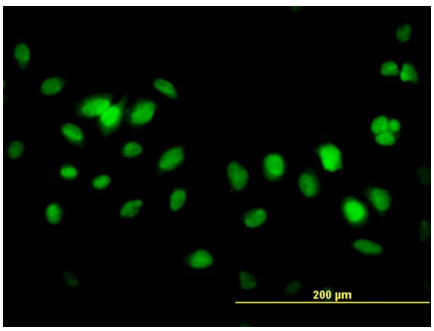
References

1.JHDM1B/FBXL10 is a nucleolar protein that represses transcription of ribosomal RNA genes.Frescas D, Guardavaccaro D, Bassermann F, Koyama-Nasu R, Pagano M.Nature. 2007 Nov 8;450(7167):309-13.

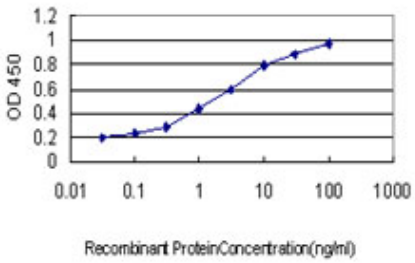
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.63 KDa) .



Immunofluorescence of monoclonal antibody to FBXL10 on HeLa cell. [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged FBXL10 is approximately 0.1ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.