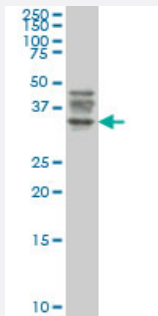


ATG3 monoclonal antibody (M06), clone 1F7

Catalog # H00064422-M06

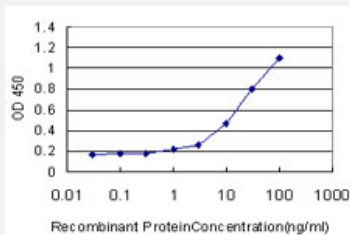
Size 100 ug

Applications



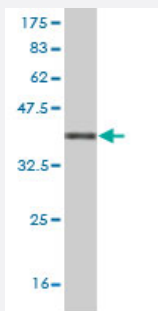
Western Blot (Cell lysate)

ATG3 monoclonal antibody (M06), clone 1F7 Western Blot analysis of ATG3 expression in Jurkat (Cat # L017V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ATG3 is approximately 1ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant ATG3.

Immunogen	ATG3 (NP_071933, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MQNVINTVKGKALEVAEYLTPVLKESKFKETGVITPEEFVAAGDHLVHHCTWQWATGEELKVKA YLPTGKQFLVTKNVPCYKRCKQMEYSDELEAIIIEE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (96)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

ATG3 monoclonal antibody (M06), clone 1F7 Western Blot analysis of ATG3 expression in Jurkat (Cat # L017V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ATG3 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ATG3

Entrez GeneID [64422](#)

GeneBank Accession#	NM_022488
Protein Accession#	NP_071933
Gene Name	ATG3
Gene Alias	APG3, APG3-LIKE, APG3L, DKFZp564M1178, FLJ22125, MGC15201, PC3-96
Gene Description	ATG3 autophagy related 3 homolog (S. cerevisiae)
Omim ID	609606
Gene Ontology	Hyperlink
Gene Summary	Autophagy is a process of bulk degradation of cytoplasmic components by the lysosome or vacuole. Human ATG3 displays the same enzymatic characteristics in vitro as yeast Apg3, a protein-conjugating enzyme essential for autophagy (Tanida et al., 2002 [PubMed 11825910]).[supplied by OMIM]
Other Designations	2610016C12Rik APG3 autophagy 3-like Apg3p autophagy Apg3p/Aut1p-like

Pathway

- [Regulation of autophagy](#)

Disease

- [Huntington Disease](#)