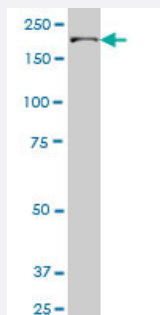


UBR1 monoclonal antibody (M01), clone 2F5

Catalog # H00197131-M01

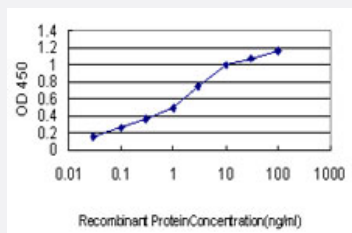
Size 100 ug

Applications



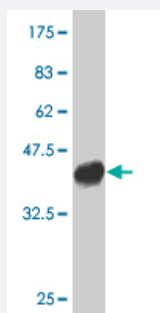
Western Blot (Cell lysate)

UBR1 monoclonal antibody (M01), clone 2F5 Western Blot analysis of UBR1 expression in HeLa S3 NE (Cat # L013V3).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged UBR1 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant UBR1.

Immunogen	UBR1 (NP_777576, 2 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	ADEEAGGTERMEISAELPQTPQRLASWWDQQVDFYTAFLHHLAQLVPEIFYAEMDPDLEKQEEES VQMSIFTPLEWYLFGEDPDICLEKLKHSGAFQLCG
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 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)

UBR1 monoclonal antibody (M01), clone 2F5 Western Blot analysis of UBR1 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged UBR1 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — UBR1

Entrez GeneID	197131
GeneBank Accession#	NM_17491
Protein Accession#	NP_777576

Gene Name	UBR1
Gene Alias	JBS, MGC142065, MGC142067
Gene Description	ubiquitin protein ligase E3 component n-recognin 1
Omim ID	243800 605981
Gene Ontology	Hyperlink
Gene Summary	The N-end rule pathway is one proteolytic pathway of the ubiquitin system. The recognition component of this pathway, encoded by this gene, binds to a destabilizing N-terminal residue of a substrate protein and participates in the formation of a substrate-linked multiubiquitin chain. This leads to the eventual degradation of the substrate protein. The protein described in this record has a RING-type zinc finger and a UBR-type zinc finger. Mutations in this gene have been associated with Johanson-Blizzard syndrome. [provided by RefSeq]
Other Designations	E3a ligase ubiquitin ligase E3 alpha-1 ubiquitin-protein ligase E3-alpha

Publication Reference

- [Roles of STAT3/SOCS3 pathway in regulation of the visual function and ubiquitin proteasome-dependent degradation of Rhodopsin during retinal inflammation.](#)

Ozawa Y, Nakao K, Kurihara T, Shimazaki T, Shimmura S, Ishida S, Yoshimura A, Tsubota K, Okano H.

The Journal of Biological Chemistry 2008 Jul; 283(36):24561.

Application: IF, IHC-Fr, Mouse, Mouse retina

Disease

- [Diabetes Mellitus](#)