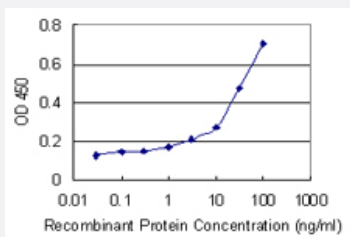


# UBR1 monoclonal antibody (M02), clone 4G7

Catalog # H00197131-M02

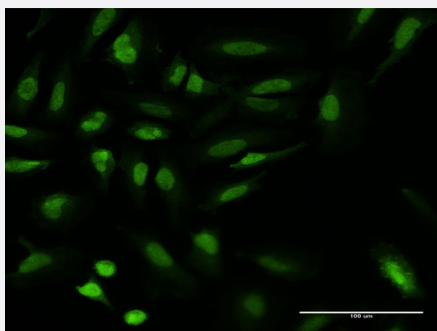
Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged UBR1 is 0.3 ng/ml as a capture antibody.



### Immunofluorescence

Immunofluorescence of monoclonal antibody to UBR1 on HeLa cell . [antibody concentration 10 ug/ml]

## 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	IgG2b Kappa

Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged UBR1 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to UBR1 on HeLa cell . [antibody concentration 10 ug/ml]

## Gene Info — UBR1

Entrez GeneID	<a href="#">197131</a>
GeneBank Accession#	<a href="#">NM_17491</a>
Protein Accession#	<a href="#">NP_777576</a>
Gene Name	UBR1
Gene Alias	JBS, MGC142065, MGC142067
Gene Description	ubiquitin protein ligase E3 component n-recognin 1
Omim ID	<a href="#">243800 605981</a>
Gene Ontology	<a href="#">Hyperlink</a>

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]
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Other Designations	E3a ligase ubiquitin ligase E3 alpha- ubiquitin-protein ligase E3-alpha
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## Disease

- [Diabetes Mellitus](#)