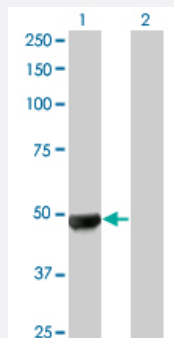


UBR2 monoclonal antibody (M01), clone 4G4

Catalog # H00023304-M01

Size 100 ug

Applications

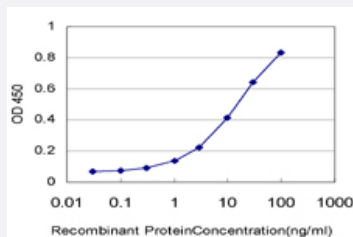


Western Blot (Transfected lysate)

Western Blot analysis of UBR2 expression in transfected 293T cell line by UBR2 monoclonal antibody (M01), clone 4G4.

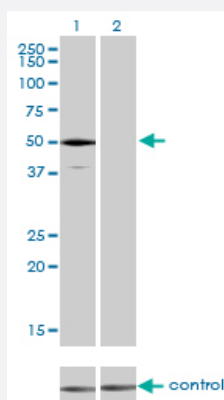
Lane 1: UBR2 transfected lysate (50 kDa).

Lane 2: Non-transfected lysate.



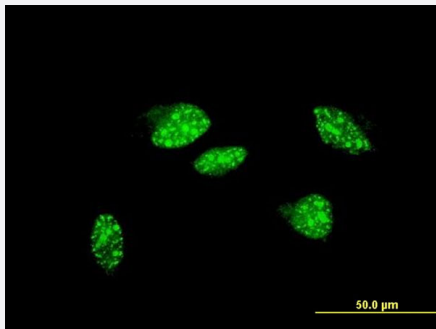
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged UBR2 is approximately 0.3 ng/ml as a capture antibody.



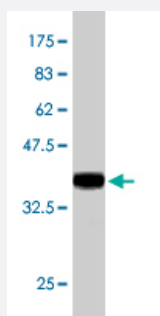
RNAi Knockdown (Antibody validated)

Western blot analysis of UBR2 over-expressed 293 cell line, cotransfected with UBR2 Validated Chimera RNAi (Cat # H00023304-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with UBR2 monoclonal antibody (M01), clone 4G4 (Cat # H00023304-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Immunofluorescence

Immunofluorescence of monoclonal antibody to UBR2 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant UBR2.
Immunogen	UBR2 (NP_056070, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MASELEPEVQAIDRSLLCSAEEIAGKWLQATDLTREVVYQHLAHYVPKIYCRGPNPFPQKEDMLAQHVLLGPMEWYLCGEDPAFGFPKLEQANKPSHLCG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (93)
Isotype	IgG2a 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 (Transfected lysate)

Western Blot analysis of UBR2 expression in transfected 293T cell line by UBR2 monoclonal antibody (M01), clone 4G4.

Lane 1: UBR2 transfected lysate(50 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged UBR2 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of UBR2 over-expressed 293 cell line, cotransfected with UBR2 Validated Chimera RNAi (Cat # H00023304-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with UBR2 monoclonal antibody (M01), clone 4G4 (Cat # H00023304-M01). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of monoclonal antibody to UBR2 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — UBR2

Entrez GeneID	23304
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GeneBank Accession#	NM_015255
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Protein Accession#	NP_056070
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Gene Name	UBR2
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Gene Alias	C6orf133, DKFZp686C08114, KIAA0349, MGC71112, RP3-392M17.3, bA49A4.1, dJ242G1.1, dJ392M17.3
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Gene Description	ubiquitin protein ligase E3 component n-recognin 2
Omim ID	609134
Gene Ontology	Hyperlink
Gene Summary	Proteolysis by the ubiquitin-proteasome system controls the concentration of many regulatory proteins. The selectivity of ubiquitylation is determined by ubiquitin E3 ligases, which recognize the substrate's destabilization signal, or degron. The E3 ligase UBR2 participates in the N-end rule pathway, which targets proteins bearing an N-terminal degron, or N-degron (Kwon et al., 2003 [PubMed 14585983]).[supplied by OMIM]
Other Designations	OTTHUMP00000016403 OTTHUMP00000016405 OTTHUMP00000039767 OTTHUMP00000039768 ubiquitin ligase E3 alpha-II

Disease

- [Tobacco Use Disorder](#)