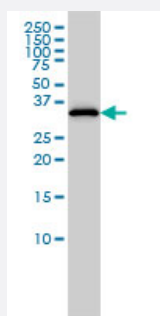


RLBP1 monoclonal antibody (M02), clone 4H5

Catalog # H00006017-M02

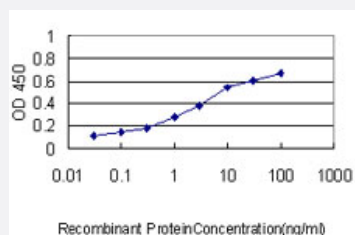
Size 100 ug

Applications



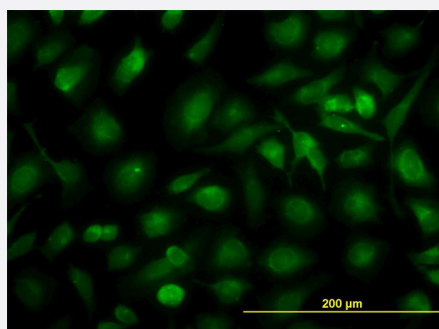
Western Blot (Cell lysate)

RLBP1 monoclonal antibody (M02), clone 4H5 Western Blot analysis of RLBP1 expression in HepG2 (Cat # L019V1).



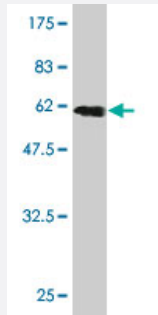
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RLBP1 is approximately 0.1ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to RLBP1 on HeLa cell. [antibody concentration 20 ug/ml]



Western Blot detection against Immunogen (60.61 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant RLBP1.
Immunogen	RLBP1 (AAH04199, 1 a.a. ~ 317 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSEGVGTFRMPVEEQELRAQLQLTTKDHGPVFGPCSQLPRHTLQKAKDELNEREETREEAV RELQEMVQAQAASGEELAVAVAERVQEKDSGFFLRIFIRARKFNVGRAYELLRGYVNFRLQYPEL FDSLSP EAVRCTIEAGYPGVLSSRDKYGRVVMFLFNENWQSQEITFDEILQAYCFILEKLENEETQI NGFCIIENFKGFTMQQAASLR TSDLRKMVMDMLQDSF PARFKAIHFIHQPWYFTTTYNVVKPFLKSK LLERV FVHGDDLSGFYQEIDENILPSDFGGTLPKYDGKAVAEQLFGPQAQAENTAF
Host	Mouse
Reactivity	Human
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (60.61 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)

RLBP1 monoclonal antibody (M02), clone 4H5 Western Blot analysis of RLBP1 expression in HepG2 (Cat # L019V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RLBP1 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to RLBP1 on HeLa cell. [antibody concentration 20 ug/ml]

Gene Info — RLBP1

Entrez GeneID [6017](#)

GeneBank Accession# [BC004199](#)

Protein Accession# [AAH04199](#)

Gene Name RLBP1

Gene Alias CRALBP, MGC3663

Gene Description retinaldehyde binding protein 1

Omim ID [136880](#) [180090](#) [268000](#) [607475](#) [607476](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a 36-kD water-soluble protein which carries 11-cis-retinaldehyde or 11-cis-retinal as physiologic ligands. It may be a functional component of the visual cycle. Mutations of this gene have been associated with severe rod-cone dystrophy, Bothnia dystrophy (nonsyndromic autosomal recessive retinitis pigmentosa) and retinitis punctata albescens. [provided by RefSeq]

Other Designations cellular retinaldehyde-binding protein-1|retinaldehyde-binding protein 1

Disease

- [Retinal Diseases](#)

- [Retinitis Pigmentosa](#)