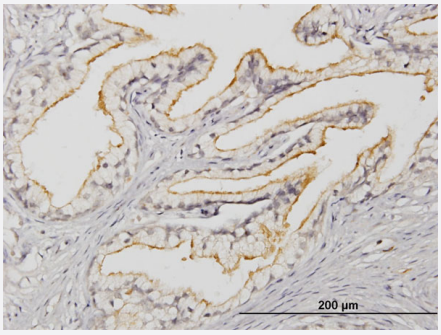
APOB48R monoclonal antibody (M03), clone 2D7

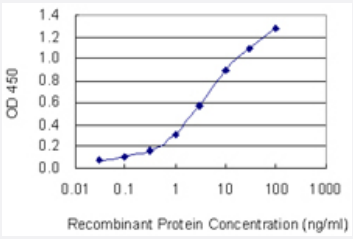
Catalog # H00055911-M03 Size 100 ug

Applications



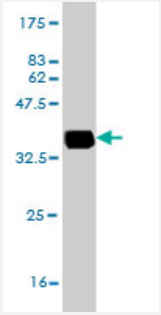
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to APOB48R on formalin-fixed paraffin-embedded human prostate. [antibody concentration 1.5 ug/ml]



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged APOB48R is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant APOB48R.

Immunogen	APOB48R (NP_061160, 71 a.a. ~ 170 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	RGSQNEGAGRLRGPGDDRRHEVGSSAVEQTWGWGDGSSHGSQAERQDSGAGETAKAARCQEPSAHLEARKKSKAGSGACQDRSGQAQERQESHEQEVNRE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (45); Rat (42)
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 (Recombinant protein)

  Protocol Download

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunoperoxidase of monoclonal antibody to APOB48R on formalin-fixed paraffin-embedded human prostate. [antibody concentration 1.5 ug/ml]

  Protocol Download

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged APOB48R is 0.03 ng/ml as a capture antibody.

  Protocol Download

- ELISA

Gene Info — APOB48R

Entrez GeneID	55911

GeneBank Accession#	NM_018690
Protein Accession#	NP_061160
Gene Name	APOB48R
Gene Alias	-
Gene Description	apolipoprotein B48 receptor
Omim ID	605220
Gene Ontology	Hyperlink
Other Designations	-

Publication Reference

- Apolipoprotein E-deficient lipoproteins induce foam cell formation by downregulation of lysosomal hydrolases in macrophages.

  Wu D, Sharan C, Yang H, Goodwin JS, Zhou L, Grabowski GA, Du H, Guo Z.

  Journal of Lipid Research 2007 Aug; 48(12):2571.

  Application: WB, Mouse, Mouse peritoneal macrophages