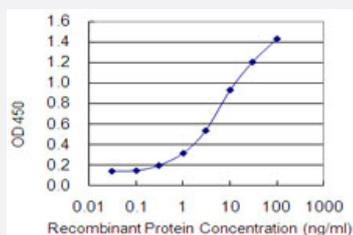


OSBP2 monoclonal antibody (M10), clone 2B4

Catalog # H00023762-M10

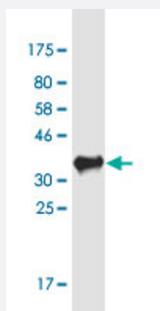
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged OSBP2 is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant OSBP2.

Immunogen

OSBP2 (NP_110385.1, 818 a.a. ~ 916 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

TDSRLRPDQRLMEKGRWDEANTEKQRLEEKQRLSRRRRLEACGPGSSCSSEEEKEADAYTPL
WFEKRLDPLTGEMACVYKGGYWEAKEKQDWHMCPNIF

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (86); Rat (85)
Isotype	IgG2a 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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged OSBP2 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — OSBP2

Entrez GeneID	23762
GeneBank Accession#	NM_030758
Protein Accession#	NP_110385.1
Gene Name	OSBP2
Gene Alias	ORP-4, ORP4, OSBPL1, OSBPL4
Gene Description	oxysterol binding protein 2
Omim ID	606729
Gene Ontology	Hyperlink

Gene Summary

Oxysterols are byproducts of cholesterol that can have cytotoxic effects on many cell types. The membrane-bound protein encoded by this gene contains a pleckstrin homology (PH) domain and an oxysterol-binding region. It binds oxysterols such as 7-ketocholesterol and may inhibit their cytotoxicity. Alternate transcriptional splice variants have been observed but have not been fully characterized. [provided by RefSeq]

Other Designations

OSBP-related protein 4|OTTHUMP00000028525|oxysterol binding protein-like 1|oxysterol binding protein-related protein 4

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Macular Degeneration](#)
- [Tobacco Use Disorder](#)