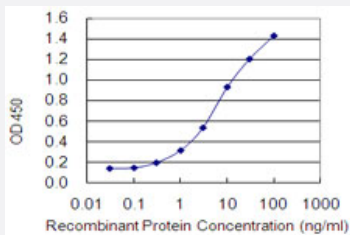


# OSBP2 monoclonal antibody (M10), clone 2B4

Catalog # H00023762-M10

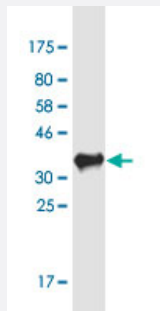
Size 100 ug

## 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](#)