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PLXNC1 Antibody (monoclonal) (M06)

Mouse monoclonal antibody raised against a partial recombinant PLXNC1.
Catalog # AT3353a

Specification

PLXNC1 Antibody (monoclonal) (M06) - Product Information

Application	**E**
Primary Accession	O60486
Other Accession	NM_005761
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2b Kappa**
Calculated MW	**175742**

PLXNC1 Antibody (monoclonal) (M06) - Additional Information

Gene ID 10154

Other Names
Plexin-C1, Virus-encoded semaphorin protein receptor, CD232, PLXNC1, VESPR

Target/Specificity
PLXNC1 (NP_005752, 250 a.a. ~ 348 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
PLXNC1 Antibody (monoclonal) (M06) is for research use only and not for use in diagnostic or therapeutic procedures.

PLXNC1 Antibody (monoclonal) (M06) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety

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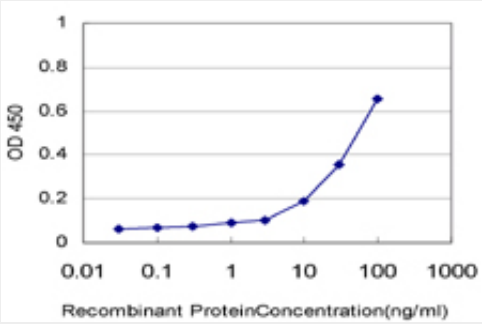
- Cell Culture

PLXNC1 Antibody (monoclonal) (M06) - Images



Detection limit for recombinant GST tagged PLXNC1 is approximately 1ng/ml as a capture antibody.

PLXNC1 Antibody (monoclonal) (M06) - References

The semaphorin 7A receptor Plexin C1 is lost during melanoma metastasis. Lazova R, et al. Am J Dermatopathol, 2009 Apr. PMID 19318806.Plexin C1, a receptor for semaphorin 7a, inactivates cofilin and is a potential tumor suppressor for melanoma progression. Scott GA, et al. J Invest Dermatol, 2009 Apr. PMID 18987670.Neither replication nor simulation supports a role for the axon guidance pathway in the genetics of Parkinson's disease. Li Y, et al. PLoS One, 2008 Jul 16. PMID 18628988.Semaphorin 7a promotes spreading and dendricity in human melanocytes through beta1-integrins. Scott GA, et al. J Invest Dermatol, 2008 Jan. PMID 17671519.Global, in vivo, and site-specific phosphorylation dynamics in signaling networks. Olsen JV, et al. Cell, 2006 Nov 3. PMID 17081983.