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PHLDA2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant PHLDA2.
Catalog # AT3300a

Specification

PHLDA2 Antibody (monoclonal) (M01) - Product Information

Application	**WB, E**
Primary Accession	Q53GA4
Other Accession	NM_003311
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**17092**

PHLDA2 Antibody (monoclonal) (M01) - Additional Information

Gene ID 7262

Other Names
Pleckstrin homology-like domain family A member 2, Beckwith-Wiedemann syndrome chromosomal region 1 candidate gene C protein, Imprinted in placenta and liver protein, Tumor-suppressing STF cDNA 3 protein, Tumor-suppressing subchromosomal transferable fragment candidate gene 3 protein, p17-Beckwith-Wiedemann region 1 C, p17-BWR1C, PHLDA2, BWR1C, HLDA2, IPL, TSSC3

Target/Specificity
PHLDA2 (NP_003302, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000
E~~N/A

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
PHLDA2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

PHLDA2 Antibody (monoclonal) (M01) - Protocols

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

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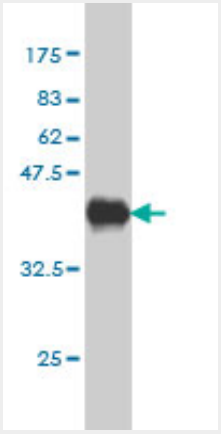
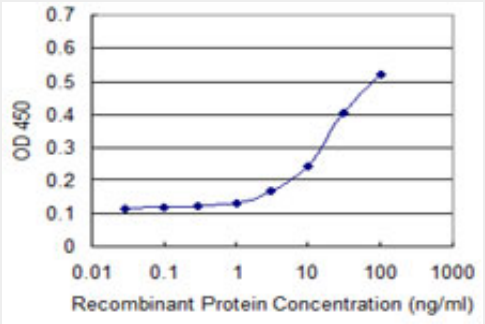
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PHLDA2 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.84 KDa) .



Detection limit for recombinant GST tagged PHLDA2 is approximately 0.3ng/ml as a capture antibody.

PHLDA2 Antibody (monoclonal) (M01) - Background

This gene is one of several genes in the imprinted gene domain of 11p15.5 which is considered to be an important tumor suppressor gene region. Alterations in this region may be associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. Studies of the mouse gene, however, which is also located in an imprinted gene domain, have shown that the product of this gene regulates placental growth.

PHLDA2 Antibody (monoclonal) (M01) - References

1.Characterisation of marsupial PHLDA2 reveals eutherian specific acquisition of imprinting.Suzuki S, Shaw G, Kaneko-Ishino T, Ishino F, Renfree MB.BMC Evol Biol. 2011 Aug 19;11:244.