

**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	<a href="#">Q53GA4</a>
Other Accession	<a href="#">NM_003311</a>
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

**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**

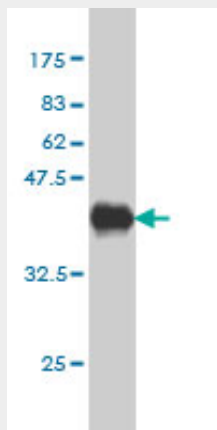
PHLDA2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

**PHLDA2 Antibody (monoclonal) (M01) - Protocols**

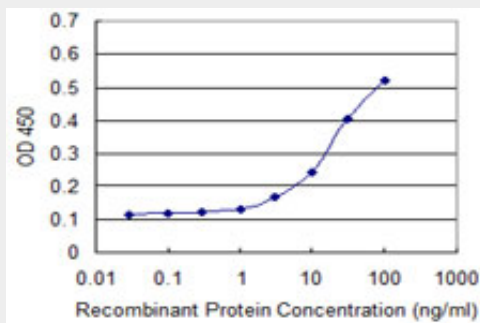
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [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.