

PLEK Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant PLEK.

Catalog # AT3339a

Specification

PLEK Antibody (monoclonal) (M01) - Product Information

Application	WB, IHC, E
Primary Accession	P08567
Other Accession	BC018549
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	40125

PLEK Antibody (monoclonal) (M01) - Additional Information**Gene ID** 5341**Other Names**

Pleckstrin, Platelet 47 kDa protein, p47, PLEK, P47

Target/Specificity

PLEK (AAH18549, 121 a.a. ~ 230 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

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

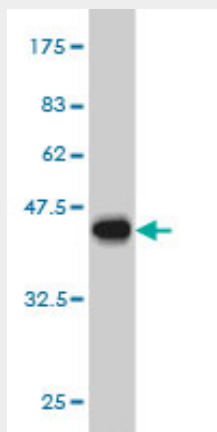
PLEK Antibody (monoclonal) (M01) - Protocols

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

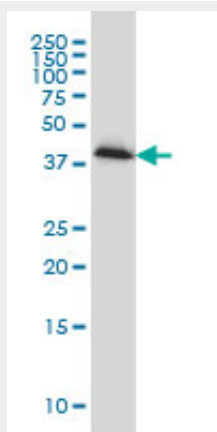
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

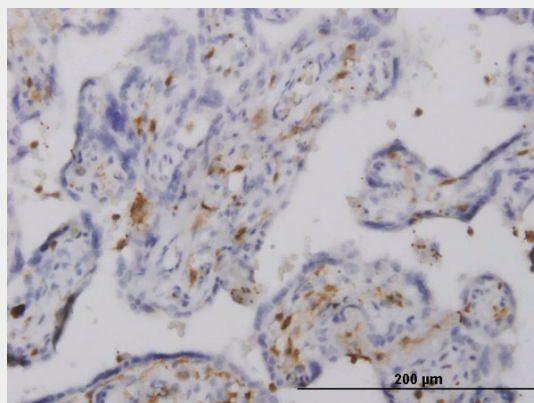
PLEK Antibody (monoclonal) (M01) - Images



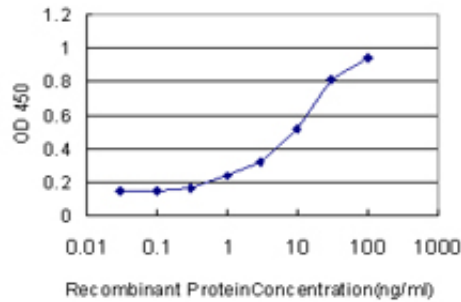
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .



PLEK monoclonal antibody (M01), clone 6E3 Western Blot analysis of PLEK expression in HeLa (Cat # AT3339a)



Immunoperoxidase of monoclonal antibody to PLEK on formalin-fixed paraffin-embedded human placenta. [antibody concentration 1 ug/ml]



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

PLEK Antibody (monoclonal) (M01) - References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. *Diabetes Care*, 2010 Jul 13. PMID 20628086. Multiple common variants for celiac disease influencing immune gene expression. Dubois PC, et al. *Nat Genet*, 2010 Apr. PMID 20190752. Novel role of pleckstrin homology domain of the Bcr-Abl protein: analysis of protein-protein and protein-lipid interactions. Miroshnychenko D, et al. *Exp Cell Res*, 2010 Feb 15. PMID 19944685. Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. *Am J Hum Genet*, 2009 Nov. PMID 19913121. Proteomic identification of pleckstrin-associated proteins in platelets: possible interactions with actin. Baig A, et al. *Proteomics*, 2009 Sep. PMID 19722192.