10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PLEK Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a partial recombinant PLEK.
Catalog # AT3340a

Specification

PLEK Antibody (monoclonal) (M03) - Product Information

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

PLEK Antibody (monoclonal) (M03) - 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) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

PLEK Antibody (monoclonal) (M03) - Protocols

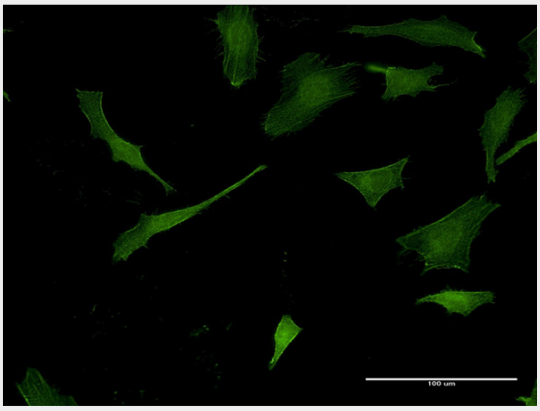
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

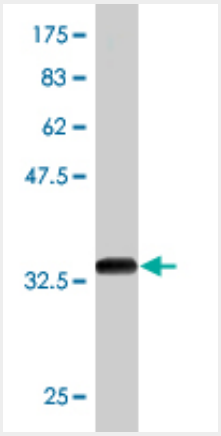
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- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

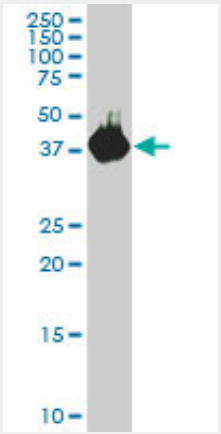
PLEK Antibody (monoclonal) (M03) - Images



Immunofluorescence of monoclonal antibody to PLEK on HeLa cell . [antibody concentration 10 ug/ml]

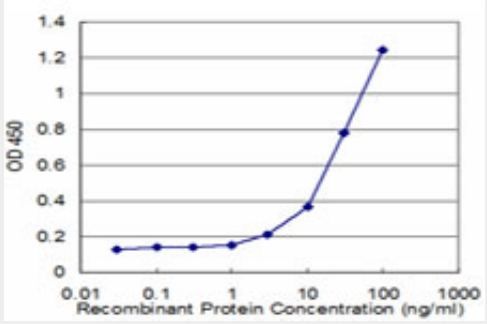


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.84 KDa) .



PLEK monoclonal antibody (M03), clone 2D8. Western Blot analysis of PLEK expression in HL-60 ((Cat # AT3340a)

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Detection limit for recombinant GST tagged PLEK is approximately 3ng/ml as a capture antibody.

PLEK Antibody (monoclonal) (M03) - References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-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.