

Goat Anti-Pleckstrin Antibody
Peptide-affinity purified goat antibody
Catalog # AF1840a

Specification

Goat Anti-Pleckstrin Antibody - Product Information

Application	WB, IHC, IF, FC
Primary Accession	P08567
Other Accession	NP_002655 , 5341
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	40125

Goat Anti-Pleckstrin Antibody - Additional Information

Gene ID 5341

Other Names

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

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

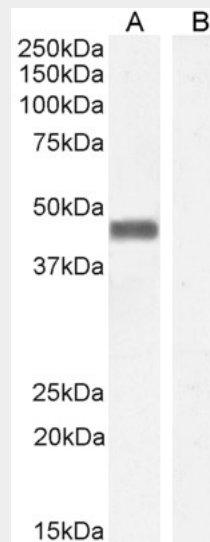
Precautions

Goat Anti-Pleckstrin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

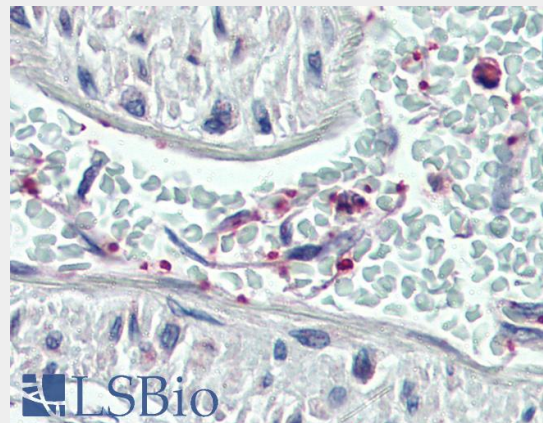
Goat Anti-Pleckstrin Antibody - Protein Information

Name PLEK

Synonyms P47



AF1840a staining (0.01 µg/ml) of Human Parathyroid lysate (A) and negative control HepG2 (B) cell lysate (35 µg protein in RIPA buffer). . Detected by chemiluminescence.



AF1840a (3.75 µg/ml) staining of paraffin embedded Human Vessel (platelets). Steamed antigen retrieval with citrate buffer Ph 6, AP-staining.

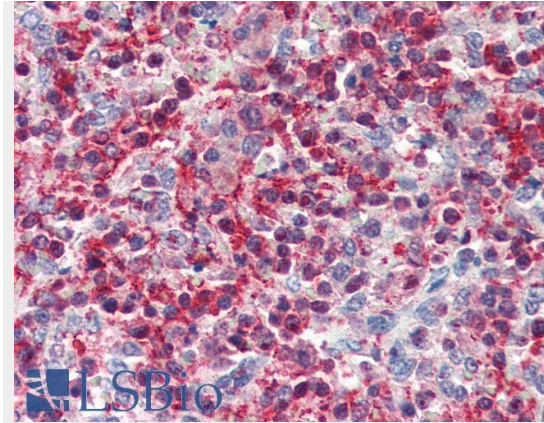
Function

Major protein kinase C substrate of platelets.

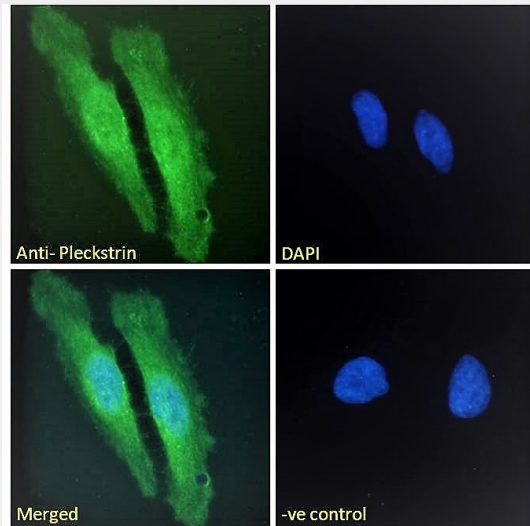
Goat Anti-Pleckstrin Antibody - Protocols

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

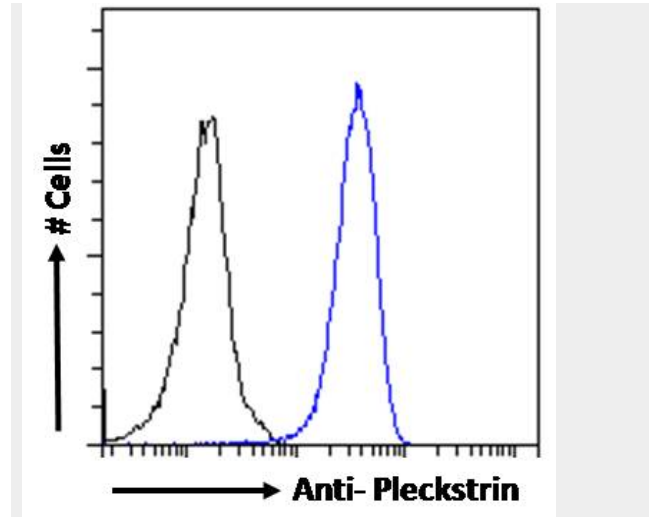
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)



AF1840a (3.75 μ g/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer Ph 6, AP-staining.



AF1840a Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic/membrane and nuclear staining. The nuc



AF1840a Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) fol

Goat Anti-Pleckstrin Antibody - 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.