

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

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**Goat Anti-Pleckstrin Antibody - Product Information**

|                   |                                                  |
|-------------------|--------------------------------------------------|
| Application       | WB, E                                            |
| Primary Accession | <a href="#">P08567</a>                           |
| Other Accession   | <a href="#">NP_002655</a> , <a href="#">5341</a> |
| 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

**Dilution**

WB~~1:1000

E~~N/A

**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**Function**

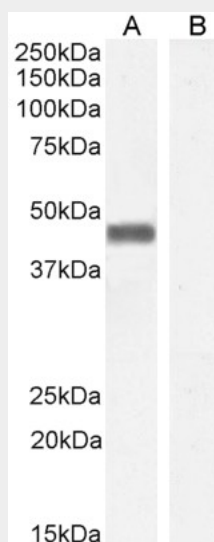
Major protein kinase C substrate of platelets.

## Goat Anti-Pleckstrin Antibody - Protocols

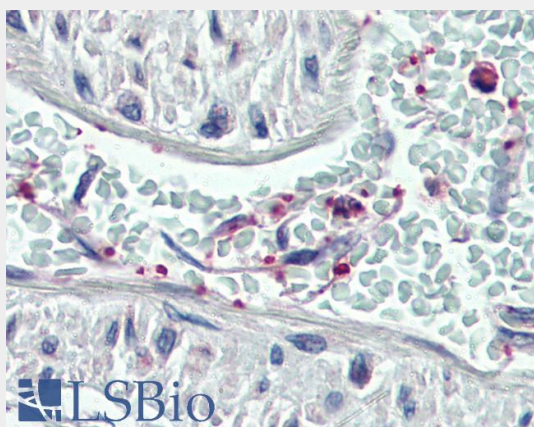
Provided below are standard protocols that you may find useful for product applications.

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

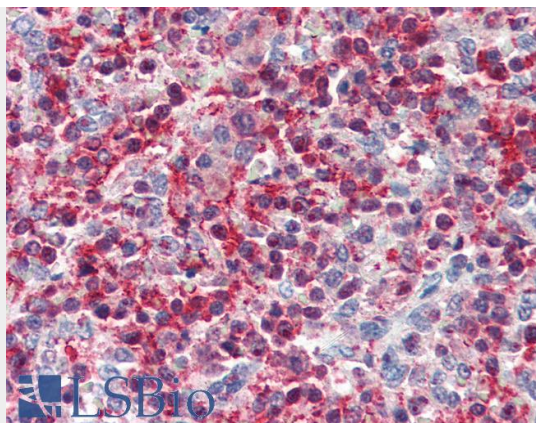
## Goat Anti-Pleckstrin Antibody - Images



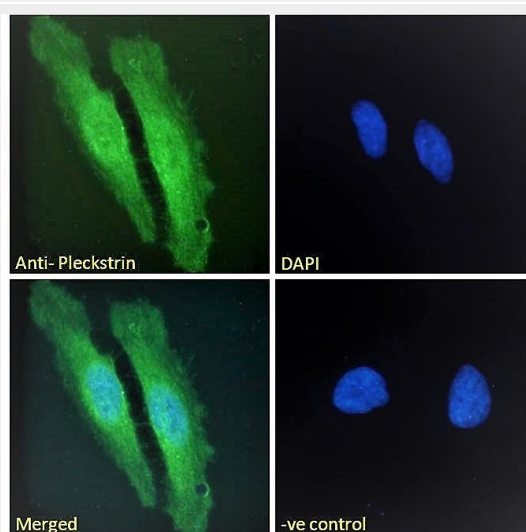
AF1840a staining (0.01  $\mu\text{g/ml}$ ) of Human Parathyroid lysate (A) and negative control HepG2 (B) cell lysate (35  $\mu\text{g}$  protein in RIPA buffer). . Detected by chemiluminescence.



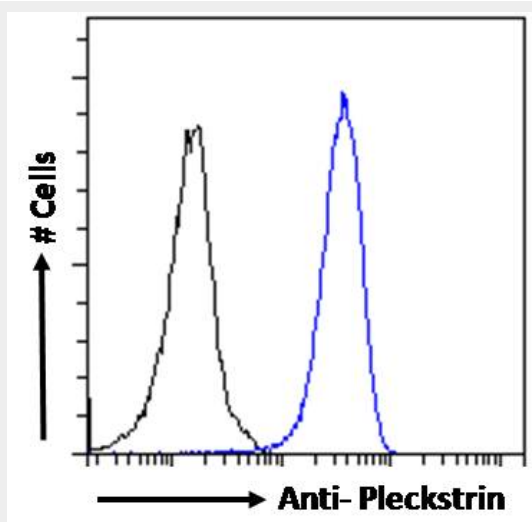
AF1840a (3.75  $\mu\text{g/ml}$ ) staining of paraffin embedded Human Vessel (platelets). Steamed antigen retrieval with citrate buffer Ph 6, AP-staining.



AF1840a (3.75 µg/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 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.