

Datasheet for ABIN7043073

anti-PAR1 antibody (Extracellular, N-Term)

5 Images

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Overview

| | |
|----------------------|---|
| Quantity: | 25 µL |
| Target: | PAR1 (F2R) |
| Binding Specificity: | AA 61-76, Extracellular, N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PAR1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF), Live Cell Imaging (LCI) |

Product Details

| | |
|-----------------------------|--|
| Immunogen: | Immunogen: Synthetic peptide Immunogen Sequence: (C)KNESGLTEYRLVSINK, corresponding to amino acid residues 61-76 of human PAR-1 |
| Isotype: | IgG |
| Cross-Reactivity (Details): | Unlikely to recognize mouse or rat samples. |
| Characteristics: | Anti-Human PAR1 (F2R) (extracellular) Antibody (ABIN7043073, ABIN7045102 and ABIN7045103)) is a highly specific antibody directed against an epitope of human protease-activated receptor-1. The antibody can be used in western blot, immunohistochemistry, immunocytochemistry, and live cell flow cytometry applications. It has been designed to recognize PAR-1 from human samples. |

Product Details

Purification: Affinity purified on immobilized antigen.

Target Details

Target: PAR1 (F2R)

Alternative Name: PAR1 (F2R) ([F2R Products](#))

Background: Alternative names: PAR1 (F2R), Protease-activated receptor-1, PAR-1, Thrombin receptor, Coagulation factor II receptor, CF2R

Gene ID: 2149

NCBI Accession: [NM_001992](#)

UniProt: [P25116](#)

Pathways: [Nuclear Receptor Transcription Pathway](#), [Skeletal Muscle Fiber Development](#), [Positive Regulation of Endopeptidase Activity](#), [Protein targeting to Nucleus](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: 25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.

Concentration: 0.8 mg/mL

Buffer: Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

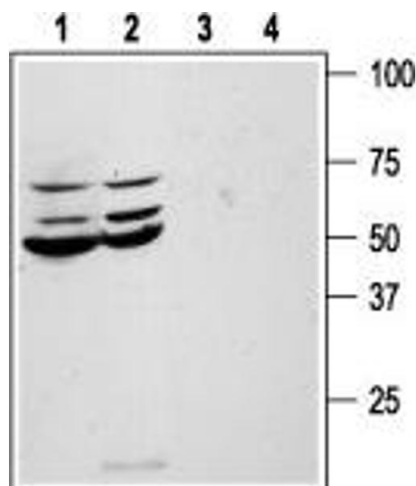
Storage: RT, 4 °C, -20 °C

Storage Comment: Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.

Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week.

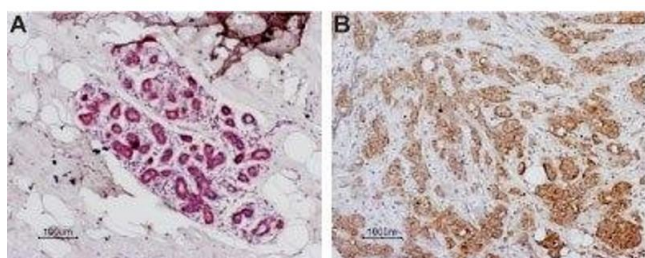
For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).

Images



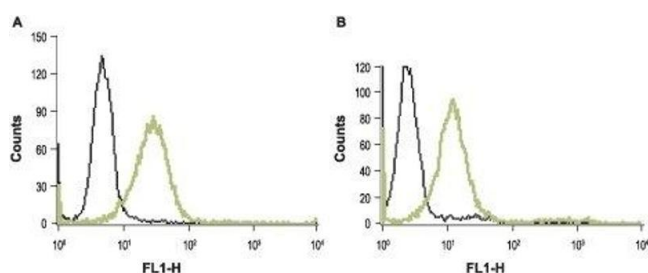
Western Blotting

Image 1. Western blot analysis of human colon cancer HT-29 (lanes 1 and 3) and Colo-205 (lanes 2 and 4) cell line lysates: - 1,2. Anti-Human PAR1 (F2R) (extracellular) Antibody (ABIN7043073, ABIN7045102 and ABIN7045103), (1:200).3,4. Anti-Human PAR1 (F2R) (extracellular) Antibody, preincubated with Human PAR1/F2R (extracellular) Blocking Peptide (#BLP-PR031).



Immunohistochemistry

Image 2. Expression of PAR-1 in normal human breast and human breast carcinoma - Immunohistochemical staining of paraffin-embedded human breast sections using Anti-Human PAR1 (F2R) (extracellular) Antibody (ABIN7043073, ABIN7045102 and ABIN7045103), (1:100). PAR-1 staining is highly specific for epithelium-derived cells. A. In the normal resting breast, epithelial cells of the mammary ducts are visible using Histofine (pink). B. The breast carcinoma contains epithelium-derived malignant cells stained with DAB (brown). Hematoxylin is used as the counterstain.



Flow Cytometry

Image 3. Cell surface detection of PAR-1 in live intact HL-60 (human promyelocytic leukemia) (A) and Jurkat (human T cell leukemia) (B) cell lines: (black line) Unstained cells + FITC-conjugated goat anti-rabbit antibody. (green line) Cells + Anti-Human PAR1 (F2R) (extracellular) Antibody (ABIN7043073, ABIN7045102 and ABIN7045103), (1:20) + FITC-conjugated goat anti-rabbit antibody.

Images

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7043073.