

Datasheet for ABIN7043112

**anti-CD39 antibody (Extracellular Loop)**

## 4 Images

[Go to Product page](#)

## Overview

Quantity:	50 µL
Target:	CD39 (ENTPD1)
Binding Specificity:	AA 398-411, Extracellular Loop
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD39 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

## Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)KTSYAGVKEKYLSE, corresponding to amino acid residues 398-411 of human CD39
Isotype:	IgG
Characteristics:	Anti-CD39 (extracellular) Antibody (ABIN7043112, ABIN7044809 and ABIN7044810)) is a highly specific antibody directed against an epitope of the human protein. The antibody can be used in western blot and indirect live cell flow cytometry applications. It has been designed to recognize ENTPD1 from rat, mouse, and human samples.
Purification:	Affinity purified on immobilized antigen.

## Target Details

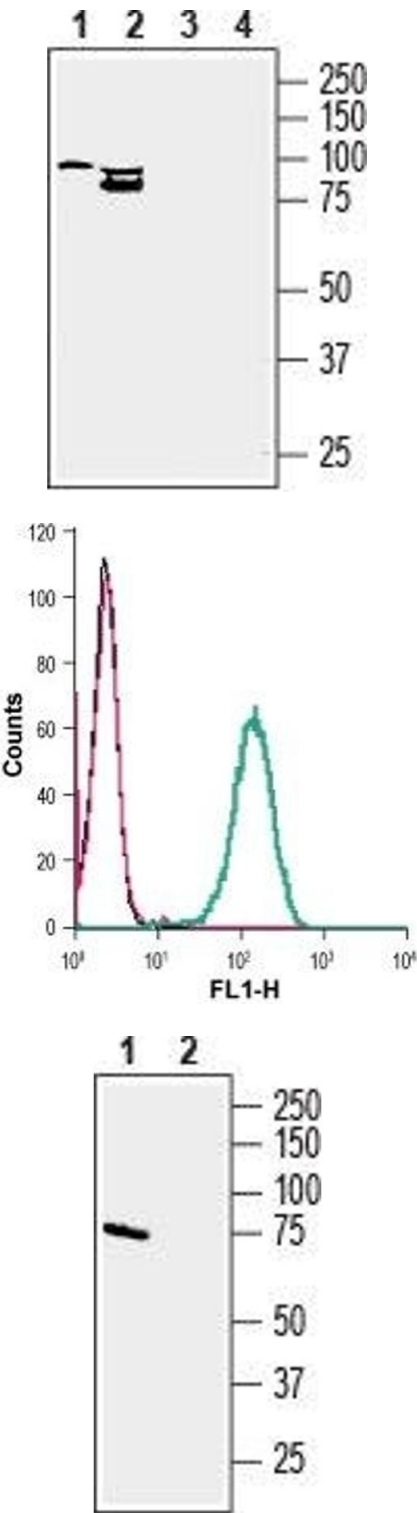
Target:	CD39 (ENTPD1)
Alternative Name:	CD39 ( <a href="#">ENTPD1 Products</a> )
Background:	Alternative names: Ectonucleoside triphosphate diphosphohydrolase 1, NTPDase 1, Ecto-ATP diphosphohydrolase 1, Ecto-ATPDase 1, Ecto-apyrase, Lymphoid cell activation antigen, ENTPD1, CD39
Gene ID:	953
NCBI Accession:	<a href="#">NM_001776</a>
UniProt:	<a href="#">P49961</a>

## 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:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>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).</p>



#### Western Blotting

**Image 1.** Western blot analysis of mouse BV-2 microglia cell line (lanes 1 and 3) and human HMC3 microglia cell line (lanes 2 and 4) lysates: - 1,2. Anti-CD39 (extracellular) Antibody (ABIN7043112, ABIN7044809 and ABIN7044810), (1:200).3,4. Anti-CD39 (extracellular) Antibody, preincubated with CD39 (extracellular) Blocking Peptide (#BLP-NT065).

#### Flow Cytometry

**Image 2.** Cell surface detection of CD39 in live intact human THP-1 monocytic leukemia cells: (black line) Cells.(red line) Cells + goat-anti-rabbit-FITC.(green line) Cells +Anti-CD39 (extracellular) Antibody (ABIN7043112, ABIN7044809 and ABIN7044810), (2.5 µg) + goat anti-rabbit-FITC.

#### Western Blotting

**Image 3.** Western blot analysis of mouse brain membranes: - 1. Anti-CD39 (extracellular) Antibody (ABIN7043112, ABIN7044809 and ABIN7044810), (1:200).2. Anti-CD39 (extracellular) Antibody, preincubated with CD39 (extracellular) Blocking Peptide (#BLP-NT065).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7043112.