

Product Datasheet

CD13 Antibody

Catalog No: CY5737

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF IP



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Information

UniProt ID: P15144

All Names: PEPN; Aminopeptidase N; AP-N; hAPN; Alanyl aminopeptidase; Aminopeptidase M; AP-M; Microsomal aminopeptidase; gp150; CD_antigen=CD13; ANPEP; APN; CD13;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 110 kDa

Application

WB 1:1000~1:2000

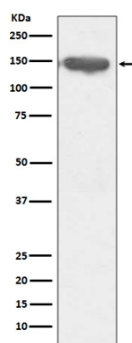
IHC 1:100~1:500

ICC/IF 1:100~1:500

IP:1:50

Background

Aminopeptidase N (APN, CD13) is a widely expressed, membrane-bound proteolytic enzyme that breaks down peptides during digestion, cleaves cell surface antigens during antigen presentation, and acts as a receptor for human viruses, including several coronaviruses. Plays a role in the final digestion of peptides generated from hydrolysis of proteins by gastric and pancreatic proteases.



Western blot analysis of CD13 expression in THP-1 cell lysate.

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