

Rabbit CD13 Monoclonal Antibody | anti-CD13 antibody

CD13 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30171	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunohistochemistry, Immunoprecipitation

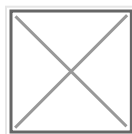
PRODUCT SYNONYMS

CD13; Monoclonal Antibody; CD13 Antibody; Alanyl (membrane) aminopeptidase antibody; Alanyl aminopeptidase antibody; Aminopeptidase M antibody; Aminopeptidase N antibody; AMPN_HUMAN antibody; ANPEP antibody; AP M antibody; AP N antibody; AP-M antibody; AP-N antibody; APN antibody; CD 13 antibody; CD13 antibody; CD13 antigen antibody; gp150 antibody; hAPN antibody; LAP 1 antibody; LAP1 antibody; Microsomal aminopeptidase antibody; Myeloid plasma membrane glycoprotein CD13 antibody; p150 antibody; PEPN antibody; anti-CD13 antibody

PRODUCT SPECIFICATIONS

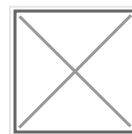
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SN71-04
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CD13 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), IP (Immunoprecipitation)
Application Notes	WB: 1:1000-5000 IHC: 1:100-1:500 ICC: 1:100-1:500
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



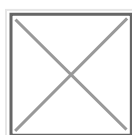
ICC (Immunocytochemistry)

ICC staining CD13 in PANC-1 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



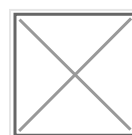
ICC (Immunocytochemistry)

ICC staining CD13 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining CD13 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue using anti-CD13 antibody. Counter stained with hematoxylin.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-CD13 antibody. Counter stained with hematoxylin.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human breast tissue using anti-CD13 antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-CD13 antibody	CD13, or aminopeptidase N, is a type II transmembrane glycoprotein that is expressed on most cells of Myeloid origin, including monocytes, basophils, eosinophils, neutrophils and Myeloid leukemias. CD13 is also found on certain epithelial cells, fibroblasts and osteoclasts. CD13 acts as a zinc-binding metalloprotease that plays a role in digestion and may function in the inactivation of some regulatory peptides such as enkephalins. CD13 may play a role in the invasion of cancer cells by enhancing their invasive capacity and metastatic behavior. The activity of CD13 can be inactivated using specific inhibitors that evoke apoptosis of CD13-positive cancer cells. Basic fibroblast growth factor (bFGF) expression upregulates CD13 expression in human melanoma cells by activating both the Myeloid and the epithelial CD13 promoter.
Product Categories/Family for anti-CD13 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	157266300
NCBI GeneID	290
NCBI Accession #	NP_001141.2
NCBI GenBank Nucleotide #	NM_001150.2
UniProt Accession #	P15144; Q16728; Q6GT90; Q8IUK3; Q8IVH3; Q9UCE0
Molecular Weight	109,540 Da
NCBI Official Full Name	aminopeptidase N
NCBI Official Synonym Full Names	alanyl (membrane) aminopeptidase
NCBI Official Symbol	ANPEP
NCBI Official Synonym Symbols	APN; CD13; LAP1; P150; PEPN; GP150
NCBI Protein Information	aminopeptidase N; AP-M; AP-N; hAPN; aminopeptidase M; alanyl aminopeptidase; microsomal aminopeptidase; myeloid plasma membrane glycoprotein CD13
UniProt Protein Name	Aminopeptidase N
UniProt Gene Name	ANPEP
UniProt Synonym Gene Names	APN; CD13; PEPN; AP-N; hAPN; AP-M
UniProt Entry Name	AMPN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd13-antibody-clone-sn71-04-western-blot-immunocytochemistry-immunohistochemistry-immunoprecipitation-elisa/30171>