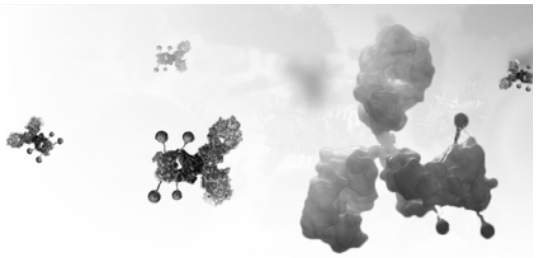

Anti-ANPEP monoclonal antibody, clone R3-63 [R-PE] (CABT-45558RM)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rat anti Mouse CD13 antibody, clone R3-63 recognizes mouse aminopeptidase N (APN), a cell surface protein homologous with human CD13. In the mouse, CD13 is a non-covalently linked homodimer of approximately 150kDa subunits expressed by a variety of cells including monocytes, macrophages, dendritic cell and veiled cells. Rat anti Mouse CD13 antibody, clone R3-63 has been reported to block mouse APN enzyme activity. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul. The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity fc receptors.
Specificity	ANPEP
Immunogen	Mouse intestinal APN
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Mouse
Clone	R3-63
Conjugate	PE
Applications	FC
Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Size	100 tests
Preservative	0.09% Sodium Azide
Storage	Prior to reconstitution store at +4°C. Following reconstitution store at +4°C. DO NOT FREEZE.

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	This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	Anpep alanyl (membrane) aminopeptidase [Mus musculus (house mouse)]
Official Symbol	ANPEP
Synonyms	ANPEP; alanyl (membrane) aminopeptidase; Apn; AP-M; AP-N; Cd13; P150; aminopeptidase N; aminopeptidase M; alanyl aminopeptidase; aminopeptidase N/CD13; membrane protein p161; microsomal aminopeptidase;
Entrez Gene ID	16790
Protein Refseq	NP_032512
UniProt ID	P97449
Chromosome Location	7 D3; 7
Pathway	Glutathione and one carbon metabolism; Glutathione metabolism; Hematopoietic cell lineage; Metabolic pathways; Metabolism of Angiotensinogen to Angiotensins; Metabolism of proteins; Peptide hormone metabolism; Renin-angiotensin system;
Function	aminopeptidase activity; hydrolase activity; metal ion binding; metallopeptidase activity; peptidase activity; peptide binding; zinc ion binding;

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