

Product datasheet for **SM1856P**

Anpep Rat Monoclonal Antibody [Clone ID: R3-63]

Product data:

Product Type:	Primary Antibodies
Clone Name:	R3-63
Applications:	FC, IHC
Recommended Dilution:	Flow Cytometry: Use 10 µl of 1/50-1/100 diluted antibody to label 10 ⁶ cells. Immunofluorescence. Immunohistochemistry on Frozen Sections. Immunohistochemistry on Paraffin sections: Requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose. See Bertilaccio et al. for details.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Mouse intestinal APN. Spleen cells from immunised mice were fused with cells of the IR983F rat myeloma cell line.
Specificity:	This antibody recognises aminopeptidase N (APN), a cell surface protein homologous with Human CD13. Clone R3-63 has been reported to block Mouse APN enzyme activity. We recommend the use of SM1856A for this purpose.
Formulation:	PBS, pH 7.4 State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



[View online »](#)

Gene Name:	alanyl (membrane) aminopeptidase
Database Link:	Entrez Gene 16790 Mouse P97449
Background:	In the mouse, CD13 is a non-covalently linked homodimer of approximately 150kD subunits expressed by a variety of cells including monocytes, macrophages, dendritic cell and veiled cells.
Synonyms:	Aminopeptidase N, ANPEP, APN, PEPN