

## Product datasheet for **SM1856FT**

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

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	R3-63
Applications:	FC
Recommended Dilution:	<b>Flow Cytometry:</b> Use 10 µl of neat-1/5 diluted antibody to label 1 <sup>0</sup> cells in 100 µl. The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity Fc receptors.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Mouse intestinal APN.
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 Functional Studies.
Formulation:	PBS Label: FITC State: Liquid purified IgG fraction Stabilizer: 1% BSA Preservative: 0.09% Sodium Azide Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	FITC
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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<b>Gene Name:</b>	alanyl (membrane) aminopeptidase
<b>Database Link:</b>	<a href="#">Entrez Gene 16790 Mouse P97449</a>
<b>Background:</b>	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.
<b>Synonyms:</b>	Aminopeptidase N, ANPEP, APN, PEPN