

Product datasheet for **SM1070P**

CD13 (ANPEP) Mouse Monoclonal Antibody [Clone ID: WM15]

Product data:

Product Type:	Primary Antibodies
Clone Name:	WM15
Applications:	ELISA, FC, IHC, IP
Recommended Dilution:	Flow Cytometry: Use 10 µl of the suggested working dilution to label 10 ⁶ cells or 100 µl whole blood. Immunohistochemistry on Frozen Sections. ELISA. Immunoprecipitation.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human AML cells
Specificity:	Clone WM15 recognizes the Human CD13 cell surface glycoprotein. Mouse anti Human CD13, clone WM15 inhibits infection of cells by human coronavirus (Lachance et al. 1998) but not hepatitis C virus (Koutsoudakis et al. 2006) and inhibits aminopeptidase N activity of the CD13 molecule (Asmun et al. 1992). Cross reacts with Rhesus Monkey.
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.



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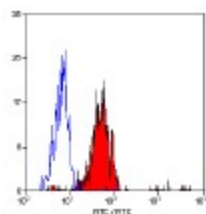
Gene Name: alanyl aminopeptidase, membrane

Database Link: [Entrez Gene 290 Human P15144](#)

Background: CD13 is a 150 kD molecule expressed by granulocytes and monocytes, and by myeloid leukemia cells. CD13 functions as an aminopeptidase enzyme and is also a receptor for Coronavirus. WM15 inhibits infection of cells by human Coronavirus and inhibits aminopeptidase N activity of the CD13 molecule. Immunoprecipitates.

Synonyms: Aminopeptidase N, ANPEP, APN, PEPN

Product images:



Staining of human peripheral blood granulocytes with Mouse anti-CD13 antibody