

## Product datasheet for **SM1536P**

### CMA1 Mouse Monoclonal Antibody [Clone ID: CC1]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	CC1
Applications:	ELISA, IHC, WB
Recommended Dilution:	<b>ELISA.</b> <b>Western Blot.</b> <b>Immunohistochemistry on Frozen Sections.</b> <b>Immunohistochemistry on Paraffin-Embedded Sections:</b> 1/500-1/1000. Does <b>not</b> require protein digestion pre-treatment of paraffin sections. Does <b>not</b> require antigen retrieval using heat treatment prior to staining of paraffin sections. <b>Recommended Positive Control:</b> Skin.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified Human skin chymase. Spleen cells from immunised BALB/c mice were fused with cells of the P3/NSI/I.Ag4.1 mouse myeloma cell line.
Specificity:	This antibody binds to mast cell chymase, it may be used to detect mast cells in routinely fixed tissues, and has been used to study the distribution of mast cells in skin, synovium, lung and heart. Binding of this antibody to chymase is not reduced in the presence of heparin, suggesting that the antibody does not bind to the heparin-binding domain of chymase.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction from Tissue Culture Supernatant Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated



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<b>Storage:</b>	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Gene Name:</b>	chymase 1
<b>Database Link:</b>	<a href="#">Entrez Gene 1215 Human P23946</a>
<b>Background:</b>	Mast Cell Chymase is an important marker of mast cells and also an important mediator of inflammation.
<b>Synonyms:</b>	Alpha-chymase, Mast cell protease I, CMA1, CYH, CYM