

Product datasheet for **AM05865SU-N**

ITGAM Mouse Monoclonal Antibody [Clone ID: CA16.3E10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	CA16.3E10
Applications:	FC, FN, IHC, IP
Recommended Dilution:	Immunohistochemistry on Frozen Sections. Immunoprecipitation. Flow Cytometry.
Reactivity:	Bovine, Canine, Feline, Goat, Mustelid, Porcine
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognises the Canine CD11b cell surface antigen, a member of the alpha integrin family. Canine CD11b is expressed by granulocytes, monocytes and some macrophages.
Formulation:	Phosphate buffered saline pH 7.4 containing 0.09% Sodium Azide as preservative. State: Supernatant State: Liquid Tissue Culture Supernatant
Conjugation:	Unconjugated
Storage:	Store the antibody 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.
Database Link:	A2TJJ2
Background:	CD11b is implicated in various adhesive interactions of monocytes, macrophages and granulocytes as well as in mediating the uptake of complement coated particles. It is identical to CR3, the receptor for the iC3b fragment of the third complement component. It probably recognizes the RGD peptide in C3b. CD11b is also a receptor for fibrinogen, factor X and ICAM1. It recognizes P1 and P2 peptides of fibrinogen gamma chain. The Mac1 CD11b antigen is present on macrophages, granulocytes, natural killer cells, blood monocytes. CD11b is expressed on 8% spleen cells, 44% bone marrow cells and less than 1% of thymocytes and is commonly used as a microglial marker in nervous tissue.



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Synonyms: ITGAM, CR3A, CR-3 alpha chain, Integrin alpha-M, MAC1