

Product datasheet for **AM08112BT-N**

CD8A Mouse Monoclonal Antibody [Clone ID: fCD8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	fCD8
Applications:	FC
Recommended Dilution:	Flow Cytometry: 1 µg/10e6 cells. (Ref.1-2) Immunohistochemistry on frozen tissue sections. Immunoprecipitation.
Reactivity:	Feline
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognizes Feline CD8 (Mr. 70 kDa) (38/31 kDa under reducing conditions).
Formulation:	PBS/NaN3 Label: Biotin State: Liquid purified Ig fraction
Concentration:	lot specific
Conjugation:	Biotin
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:	P41688
Background:	The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell to cell interactions within the immune system. The CD8 antigen, acting as a coreceptor, and the T cell receptor on the T lymphocyte recognize antigen displayed by an antigen presenting cell (APC) in the context of class I MHC molecules. The functional coreceptor is either a homodimer composed of two alpha chains, or a heterodimer composed of one alpha and one beta chain. Both alpha and beta chains share significant homology to immunoglobulin variable light chains.
Synonyms:	CD8 alpha chain, CD8A, MAL



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Note: U.S. Patent 4,520,110; European Patent No. 76,695; and Canadian Patent No. 1,179,942.
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