

## Product datasheet for **AM08112PU-N**

### CD8A Mouse Monoclonal Antibody [Clone ID: fCD8]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	fCD8
Applications:	FC, IHC, IP
Recommended Dilution:	<b>Flow Cytometry.</b> (Ref.1-2) <b>Immunohistochemistry</b> (Acetone-Fixed, Frozen Tissue Sections only). <b>Immunoprecipitation.</b> (Ref.1)
Reactivity:	Feline
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognizes Feline CD8 (Mr. 70 kDa) (38/31 kDa under reducing conditions).
Formulation:	100 mM Borate Buffered Saline, pH 8.2. No preservatives or amine-containing buffer salts added. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
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:	<a href="#">P41688</a>
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.



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**Synonyms:** CD8 alpha chain, CD8A, MAL