

Product datasheet for **SM424R**

CD8A Mouse Monoclonal Antibody [Clone ID: vpg9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	vpg9
Applications:	FC
Recommended Dilution:	Flow Cytometry.
Reactivity:	Feline
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Feline thymocytes. Spleen cells from immunised BALB/c were fused with cells of the NSO mouse myeloma cell line
Specificity:	This antibody recognises the homologue of human CD8. Clone vpg 9 specifically recognises an epitope associated with the alpha/beta complex of the CD8 heterodimer.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: PE State: Lyophilized purified IgG Label: R. Phycoerythrin (RPE)
Reconstitution Method:	Restore with 1 ml distilled water
Conjugation:	PE
Storage:	Prior to and following reconstitution store the antibody at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Database Link:	P41688



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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