

Product datasheet for **SM554**

Cd8b1 Mouse Monoclonal Antibody [Clone ID: CA15.4G2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	CA15.4G2
Applications:	FC, IHC, IP
Recommended Dilution:	Flow Cytometry: Use 20 µl of Neat antibody to label 10e6 cells or 100 µl whole blood. Immunohistochemistry on Frozen Sections (1/10). Immunoprecipitation.
Reactivity:	Canine
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognises the CD8b cell surface antigen, expressed by a subset of peripheral T lymphocytes.
Formulation:	PBS with 0.09% sodium azide as preservative. State: Supernatant State: Liquid Tissue Culture Supernatant containing 0.09% Sodium Azide as preservative.
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.
Gene Name:	CD8 antigen, beta chain 1
Database Link:	P10300
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.



[View online »](#)

Synonyms: CD8B, CD8B1