

Product datasheet for **AM05640FC-N**

Cd8a Rat Monoclonal Antibody [Clone ID: 53-6.7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	53-6.7
Applications:	FC
Recommended Dilution:	Flow Cytometry.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Mouse thymus or spleen.
Specificity:	<p>This antibody detects CD8a, the alpha chain of the CD8 antigen. CD8 is expressed on T-cells, and exists either a homodimer composed of two alpha chains, or a heterodimer composed of one alpha and one beta chain.</p> <p>This antibody Clone 53-6.7 has been reported to block antigen presentation via MHC class I and inhibit T cell responses to IL-2. This antibody has also been used for depletion of CD8a+ cells.</p>
Formulation:	<p>PBS, pH 7.2 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer.</p> <p>Label: FITC</p> <p>State: Liquid purified IgG fraction.</p> <p>Label: Fluorescein Isothiocyanate Isomer 1</p>
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G.
Conjugation:	FITC
Storage:	<p>Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.</p> <p>Avoid repeated freezing and thawing.</p> <p>This product is photosensitive and should be protected from light.</p>
Stability:	Shelf life: one year from despatch.
Gene Name:	CD8 antigen, alpha chain



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Database Link: [Entrez Gene 12525 Mouse P01731](#)

Background: CD8 functions as a co-receptor with the T-cell receptor and mediates efficient cell to cell interactions within the immune system. The CD8 alpha chain specifically binds to class I MHC molecules.

Synonyms: CD8 alpha chain, CD8A, MAL