

## Product datasheet for **AM20600PU-N**

### CD8A Mouse Monoclonal Antibody [Clone ID: CA-8]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	CA-8
Applications:	IHC, IP
Recommended Dilution:	Immunohistochemistry on paraffin sections: 1 µg/ml.
Reactivity:	Human, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human thymocytes followed by peripheral blood T cells.
Specificity:	This antibody reacts to CD8.
Formulation:	1.2 % sodium acetate, with 2 mg BSA and 0.01 mg sodium azide as preservative. State: Aff - Purified State: Lyophilized purified Ig fraction
Reconstitution Method:	Restore with 1.2% sodium acetate or neutral PBS
Concentration:	0,1 mg/ml (after reconstitution with PBS)
Purification:	Affinity chromatography
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at -20°C. Following reconstitution store 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:	CD8a molecule
Database Link:	<a href="#">Entrez Gene 925 Human P01732</a>



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<b>Background:</b>	The human lymphocyte differentiation antigen CD8 is encoded by a single gene that gives rise to a 33-to 34-kDa glycoprotein expressed on the cell surface as a dimer and in higher molecular mass forms.
<b>Synonyms:</b>	CD8 alpha chain, CD8A, MAL
<b>Protein Families:</b>	Adult stem cells, Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein, Transmembrane
<b>Protein Pathways:</b>	Antigen processing and presentation, Cell adhesion molecules (CAMs), Hematopoietic cell lineage, Primary immunodeficiency, T cell receptor signaling pathway