

Product datasheet for **AM26177PU-N**

CD8A Mouse Monoclonal Antibody [Clone ID: 15-11C5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	15-11C5
Applications:	FC, IHC
Recommended Dilution:	Flow Cytometry. Immunohistochemistry on Paraffin Sections. Immunohistochemistry on Frozen Sections. The typical starting working dilution is 1/10 for Flow Cytometry and 1/100 for immunohistology.
Reactivity:	Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	WAG/Rij spleen cells
Specificity:	The monoclonal antibody recognizes rat CD8 antigen (MW 34 kDa and 39 kDa) and is reactive with all common inbred strains. 15-11C5 is derived from hybridization of mouse SP2/0 myeloma cells with spleen cells from Balb/c mice immunized with WAG/Rij spleen cells.
Formulation:	PBS with 50% (v/v) glycerol State: Purified State: Liquid 0.2 µm filtered Ig fraction Preservative: 0.01% Sodium Azide
Concentration:	lot specific
Purification:	Protein G Chromatography
Conjugation:	Unconjugated
Storage:	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



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Database Link: [P01732](#)

Background: CD8a is a 32 kD glycoprotein also known as T8, Lyt2, Ly-2, and CD8 alpha. CD8a is a member of the immunoglobulin superfamily expressed on most thymocytes, subset of mature T cells, most NK cells, macrophages, and some activated CD4+ T cells (not resting). CD8a forms heterodimers with the CD8 beta chain (CD8b) on the surface of most thymocytes, while mature peripheral T lymphocytes express almost exclusively the CD8 alpha beta heterodimer. Intestinal intraepithelial lymphocytes express CD8a without CD8b. CD8 is an antigen co-receptor on T cells that interacts with MHC class I on antigen-presenting cells or epithelial cells. CD8 participates in T cell activation through its association with the T cell receptor complex and protein tyrosine kinase lck (p56lck).

Synonyms: CD8 alpha chain, CD8A, MAL