

Product datasheet for **AM05901RP-N**

CD8A Mouse Monoclonal Antibody [Clone ID: CC63]

Product data:

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|------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | CC63 |
| Applications: | FC |
| Recommended Dilution: | Flow Cytometry: Use 10 µl of neat antibody to label 10e6 cells in 100 µl. |
| Reactivity: | Bovine, Goat, Sheep |
| Host: | Mouse |
| Isotype: | IgG2a |
| Clonality: | Monoclonal |
| Specificity: | This antibody reacts with the CD8 antigen expressed by a subset of T lymphocytes. The antibody precipitates molecules of 34kD and 38kD under reducing conditions. |
| Formulation: | Phosphate buffered saline 0.09% Sodium Azide, 1% Bovine Serum Albumin Label: PE State: Lyophilized Ig fraction Label: R. Phycoerythrin (RPE) |
| Reconstitution Method: | Reconstitute with 1 ml distilled water. |
| Purification: | Affinity chromatography on Protein G |
| Conjugation: | PE |
| Storage: | Prior and following reconstitution store undiluted at 2-8°C. DO NOT FREEZE. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use. |
| Stability: | Shelf life: One year from despatch. |
| Database Link: | Entrez Gene 281060 Bovine P31783 |



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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