

## Product datasheet for **AM01288PU-S**

### Ly86 Rat Monoclonal Antibody [Clone ID: MD113]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	MD113
Applications:	FC, FN
Recommended Dilution:	Flow cytometry: The typical starting working dilution is 1:50. Functional assays. Before use in biological assays, the product must be filter sterilized and depending on the concentration to be used dialyzed against culture medium to remove the sodium azide added. Cannot be used for Western blot and immunoprecipitation.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2b
Clonality:	Monoclonal
Specificity:	The monoclonal antibody MD113 reacts with mouse MD-1. The antibody is antagonistic in LPS-induced B-cell proliferation and B7.2 up-regulation.
Formulation:	PBS State: Purified State: Liquid 0.2 µm filtered Ig fraction Stabilizer: 0.1% bovine serum albumin Preservative: 0.02% sodium azide
Concentration:	lot specific
Purification:	Protein G
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C.
Stability:	Shelf life: one year from despatch.
Gene Name:	lymphocyte antigen 86
Database Link:	<a href="#">Entrez Gene 17084 Mouse O88188</a>



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- Background:** MD-1 (22-25 kD) is an extracellular protein associated with the extracellular domain of RP105. The latter is a type 1 transmembrane protein with leucine-rich repeats. RP105 is similar to Drosophila Toll. MD-1 associated with RP105 (similar to TLR4/MD-2) appears to be an essential molecule that helps RP105 on B-cells to signal to LPS.
- Synonyms:** Lymphocyte antigen 86, MD1