

## Product datasheet for **AM01288BT-S**

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

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	MD113
Applications:	FC
Recommended Dilution:	Flow cytometry: The typical starting working dilution is 1:50. Cannot be used for Western blot.
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 Label: Biotin 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:	Biotin
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>
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.



[View online »](#)

**Synonyms:** Lymphocyte antigen 86, MD1