

Product datasheet for **AM08065FC-N**

Ly49I Mouse Monoclonal Antibody [Clone ID: YLI-90]

Product data:

Product Type:	Primary Antibodies
Clone Name:	YLI-90
Applications:	FC
Recommended Dilution:	Flow Cytometry: < / = 1 µg/10e6 cells. (Ref.1,3)
Reactivity:	Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody react with the B6 allele of the Ly49I. It stains ~ 45% of NK1.1+CD3- splenocytes from C57BL/6 mice. (Ref.1)
Formulation:	PBS containing 0.09% Sodium Azide as preservative. Label: FITC State: Liquid purified Ig fraction. Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Conjugation:	FITC
Storage:	Store the antibody undiluted at 2-8°C for one month or in (aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	Q9JHN9
Background:	Ly49I is a member of the lectin like homodimeric Ly49 family of cell surface receptors. (Ref.1) Mouse Ly49 receptors exhibit allelic specificity for MHC class I Ia molecules and are thought to serve to prevent natural killer (NK) cells from attacking normal cells, while allowing them to attack infected or transformed cells in which class I molecules have been down regulated. (Ref.2) These inhibitory receptors are also expressed on a subpopulation of mouse CD8+ T cells.
Synonyms:	Klra9, Ly-49I



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