

Product datasheet for **AM08066FC-N**

Klra6 Mouse Monoclonal Antibody [Clone ID: HBF-719]

Product data:

Product Type:	Primary Antibodies
Clone Name:	HBF-719
Applications:	FC
Recommended Dilution:	Flow Cytometry: $< / = 1 \mu\text{g}/10\text{e}6$ cells. (Ref.1,3)
Reactivity:	Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	CHO cells transfected with the B6 allele of Ly49F. (Ref.1)
Specificity:	This antibody HBF-719 reacts with the B6 allele of Ly49F. It stains ~ 11% of NK1.1+CD3- splenocytes, and 3.5% (2.5 month old) to 10.0% (11 month old) of CD8+ spleen cells 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.
Gene Name:	killer cell lectin-like receptor, subfamily A, member 6
Database Link:	Entrez Gene 16637 Mouse Q60653



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Background:

Ly49F 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:

Ly-49f, Ly49-f, Ly49F