ARG22330
anti-Ly49F antibody [HBF-719] (FITC)

Package: 100 µg
Store at: 4°C

Summary

Product Description	FITC-conjugated Mouse Monoclonal antibody [HBF-719] recognizes Ly49F
Tested Reactivity	Ms
Tested Application	FACS
Specificity	Mouse Ly-49F
Host	Mouse
Clonality	Monoclonal
Clone	HBF-719
Isotype	IgG1, kappa
Target Name	Ly49F
Species	Mouse
Immunogen	CHO-K1 cells transfected with B6 allele of Ly49F gene
Conjugation	FITC
Alternate Names	Ly-49f; T-cell surface glycoprotein Ly-49F; Ly49f; Killer cell lectin-like receptor 6; Lymphocyte antigen 49f; ly-49f

Application Instructions

Application table

Application	Dilution
FACS	< 1 ug/10^6 cells

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Buffer	PBS and 0.1% Sodium azide.
Preservative	0.1% Sodium azide
Concentration	0.5 mg/ml
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 16637 Mouse
	Swiss-port # Q60653 Mouse
Gene Symbol	Klra6
Gene Full Name	killer cell lectin-like receptor, subfamily A, member 6
Background	This gene belongs to the highly polymorphic family of C-type lectin-like Ly49 genes that are expressed in natural killer (NK) cells. The encoded protein is a homodimeric type II transmembrane receptor located at the cell surface and inhibits NK cell activation upon ligand binding. This gene is located in a cluster of several Klra paralogs on chromosome 6. Different strains of mice show variation in the number of paralogs, including strain specific duplications, deletions and pseudogene sequences. [provided by RefSeq, Apr 2015]
Function	Receptor on natural killer (NK) cells for class I MHC. [UniProt]
Calculated Mw	31 kDa