

Monoclonal Antibody to KLRA6 - PE

Alternate names:	Killer cell lectin-like receptor 6, Ly-49f, Ly49-f, Ly49F, Lymphocyte antigen 49f, T-cell surface glycoprotein Ly-49F
Catalog No.:	AM08066RP-N
Quantity:	0.1 mg
Concentration:	0.1 mg/ml
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.
Uniprot ID:	Q60653
NCBI:	NP_032490.1
GeneID:	16637
Host / Isotype:	Mouse / IgG1
Clone:	HBF-719
Immunogen:	CHO cells transfected with the B6 allele of Ly49F. (Ref.1)
Format:	State: Liquid purified Ig fraction. Buffer System: PBS containing 0.09% Sodium Azide as preservative and a stabilizing agent. Label: PE – R-Phycoerythrin
Applications:	Flow Cytometry: < / = 0.2 µg/10e6 cells. (Ref.1,3) Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
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) Species: Mouse. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

- General Readings:**
1. Coles, M.C., C.W. McMahon, H. Takizawa, and D.H. Raulet. 2000. Eur. J. Immunol. 30:236.
 2. Ljunggren, H.G., and K. Karre. 1990. Immunol. Today 11:237.
 3. Liu, S., and D.H. Raulet. Personal communication.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
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