

## ARG22331 anti-Ly49F antibody [HBF-719] (PE)

Package: 50 µg  
Store at: 4°C

### Summary

|                     |   |
|---------------------|---|
| Product Description | PE-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         | PE  |
| 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        | < 0.2 µg/10 <sup>6</sup> 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, 0.1% Sodium azide and Sucrose.  |
| Preservative        | 0.1% Sodium azide  |
| Stabilizer          | Sucrose  |
| Concentration       | 0.1 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

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### 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

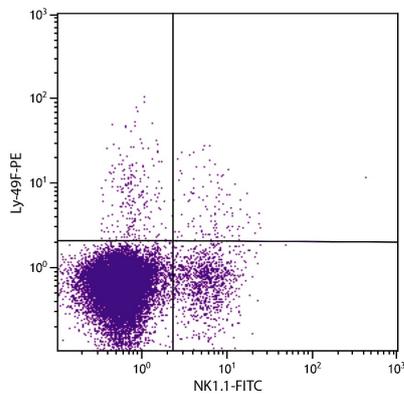
Receptor on natural killer (NK) cells for class I MHC. [UniProt]

### Calculated Mw

31 kDa

## Images

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ARG22331 anti-Ly49F antibody [HBF-719] (PE) FACS image

Flow Cytometry: C57BL/6 Mouse splenocytes stained with ARG22331 anti-Ly49F antibody [HBF-719] (PE) and ARG22072 anti-NK1.1 / CD161bc antibody [PK136] (FITC).