

LILRB1 Monoclonal Antibody

Description

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| Product type | Antibody |
| Code | BT-MCA4569 |
| Host | Mouse |
| Isotype | Mouse IgG1 |
| Size | 100µL, 50µL |
| Immunogen | Purified recombinant fragment of human LILRB1 (AA: extra 338-461) expressed in E. Coli. |
| Mol wt | 70.8kDa |
| Species reactivity | Others |
| Clonality | Monoclonal |
| Recommended application | FCM |
| Concentration | N/A |
| Full name | N/A |
| Synonyms | ILT2;LIR1;MIR7;PIRB;CD85J;ILT-2;LIR-1;MIR-7;PIR-B |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family, which is found in a gene cluster at chromosomal region 19q13.4. The encoded protein belongs to the subfamily B class of LIR receptors which contain two or four extracellular immunoglobulin domains, a transmembrane domain, and two to four cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs). The receptor is expressed on immune cells where it binds to MHC class I molecules on antigen-presenting cells and transduces a negative signal that inhibits stimulation of an immune response. It is thought to control inflammatory responses and cytotoxicity to help focus the immune response and limit autoreactivity. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Recommended Dilution

WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

ELISA: 1:10000

Not yet tested in other applications.

Images

No images.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.