Anti-LILRB1 [VMP55]

Catalogue number: 151378
Sub-type: Primary antibody
Images:

Contributor

Inventor: Karen Pulford
Institute: University of Oxford
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-LILRB1 [VMP55]

Alternate name:

Class: Monoclonal
Conjugate: Unconjugated
Description: LILRB1 is a 120kD membrane glycoprotein expressed strongly on plasma cells, moderately on circulating B cells and weakly on monocytes. It is not expressed on neutrophils, T cells, NK cells or any non-hematopoietic cells. The functional role of LILRB1 has not been fully elucidated.
Purpose: Marker
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG1 kappa
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: Hairy cell leukaemia cells
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:

Additional notes:

Target details

Target: Leukocyte Immunogolobulin-like Receptor subfamily B member 1 (LILRB1, CD85)

Target alternate names:

Target background: LILRB1 is a 120kD membrane glycoprotein expressed strongly on plasma cells, moderately on circulating B cells and weakly on monocytes. It is not expressed on neutrophils, T cells, NK cells or any non-hematopoietic cells. The Fn role of LILRB1 has not been fully elucidated.

Molecular weight: 120 kDa

Ic50:

Applications

Application: FACS ; IP ; WB
Application notes:

Handling

Format: Liquid
Concentration: 1 mg/ml
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer: PBS with 0.02% azide
Storage conditions: -15° C to -25° C
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Morel et al. 2008. J Immunol. 181(4):2368-81. PMID: 18684926. ; HLA class I molecules

regulate IFN-gamma production induced in NK cells by target cells, viral products, or immature dendritic cells through the inhibitory receptor ILT2/CD85j. ; Kirwan et al. 2005. J Immunol. 175(8):5006-15. PMID: 16210603. ; Killer cell Ig-like receptor-dependent signaling by Ig-like transcript 2 (ILT2/CD85j/LILRB1/LIR-1). ; Banham et al. 1999. J Leukoc Biol. 65(6):841-5. PMID: 10380908. ; Identification of the CD85 antigen as ILT2, an inhibitory MHC class I receptor of the immunoglobulin superfamily. ; Pulford et al. 1991. Clin Exp Immunol. 85(3):429-35. PMID: 1893623. ; A 72-kD B cell-associated surface glycoprotein expressed at high levels in hairy cell leukaemia and plasma cell neoplasms.