Anti-Integrin a2 [HAS-6]

Catalogue number: 151485
Sub-type: Primary antibody
Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Integrin a2 [HAS-6]

Alternate name:

Class: Monoclonal
Conjugate: Unconjugated
Description: Integrins are heterodimeric integral membrane glycoproteins composed of a distinct alpha chain and a common beta chain. Integrin alpha II combines with Integrin beta 1 to form the alpha2/beta1 integrin duplex. Integrins are involved in cell adhesion and also participate in cell-surface mediated signalling.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG2a
Reactivity:
Selectivity:
Host: Mouse
Immunogen:
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:
Formulation:
Recommended controls:
Bacterial resistance:

Selectable markers:
Additional notes:

Target details

Target: Integrin alpha 2 subunit (CD49b)

Target alternate names:

Target background: Integrins are heterodimeric integral membrane glycoproteins composed of a distinct alpha chain and a common beta chain. Integrin alpha II combines with Integrin beta 1 to form the alpha2/beta1 integrin duplex. Integrins are involved in cell adhesion and also participate in cell-surface mediated signalling.

Molecular weight:

Ic50:

Applications

Application: FACS ; IHC ; IP
Application notes:

Handling

Format: Liquid
Concentration: 0.9-1.1 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: Wang et al. 2016. EMBO Rep. 17(8):1155-68. PMID: 27312109. ; RNF123 has an E3 ligase-independent function in RIG-I-like receptor-mediated antiviral signaling. ; Eames et al. 2015. Transl Res. :. PMID: 26207886. ; Interferon regulatory factor 5 in human autoimmunity and murine models of autoimmune disease. ; Haan et al. 2008. J Immunol. 180(2):998-1007. PMID: 18178840. ; Dual role of the Jak1 FERM and kinase domains in cytokine receptor binding and in stimulation-dependent Jak activation. ; Sun et al. 2004. J Interferon Cytokine Res. 24(6):350-61. PMID: 15212709. ; Ectopic expression of toll-like receptor-3 (TLR-3) overcomes the double-stranded RNA (dsRNA) signaling defects of P2.1 cells. ; Guo et al. 2000. Virology. 267(2):209-19. PMID: 10662616. ; Induction of the human protein P56 by interferon, double-stranded RNA, or virus infection. ; Leaman et al. 1998. Proc Natl Acad Sci U S A. 95(16):9442-7. PMID: 9689099. ; A mutant cell line defective in response to double-stranded RNA and in regulating basal expression of interferon-stimulated genes. ; Kohlhuber et al. 1997. Mol Cell Biol. 17(2):695-706. PMID: 9001223. ; A JAK1/JAK2 chimera can sustain alpha and gamma interferon responses. ; Rani et al. 1996. J Biol Chem. 271(37):22878-84. PMID: 8798467. ; Characterization of beta-R1, a gene that is selectively induced by interferon beta (IFN-beta) compared with IFN-alpha. ; Lutfalla et al. 1995. EMBO J. 14(20):5100-8. PMID: 7588638. ; Mutant U5A cells are complemented by an interferon-alpha beta receptor subunit generated by alternative processing of a new member of a cytokine receptor gene cluster. ; McKendry et al. 1991. Proc Natl Acad Sci U S A. 88(24):11455-9. PMID: 1837150. ; High-frequency mutagenesis of human cells and characterization of a mutant unresponsive to both alpha and gamma interferons. ; Pellegrini et al. 1989. Mol Cell Biol. 9(11):4605-12. PMID: 2513475. ; Use of a selectable marker regulated by alpha interferon to obtain mutations in the signaling pathway.