

Anti-CD81 [1s5]

Catalogue number: 154236

Sub-type:

Images:

Contributor

Inventor:

Institute: University of Birmingham

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CD81 [1s5]

Alternate name: 26 kDa cell surface protein TAPA-1, Target of the antiproliferative antibody 1, Tetraspanin-28

Class: Monoclonal

Conjugate: Unconjugated

Description: CD81 is co-opted during the life cycle of diverse human pathogens: it is involved in hepatitis C virus (HCV) and Plasmodium sporozoite invasion of hepatocytes, and also contributes to the assembly and budding of human immunodeficiency virus and influenza A virus. Developed as a part of panel of murine monoclonal antibodies against full-length CD81 to further examine and assessed their ability to inhibit or neutralize HCV infection.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype:

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: P60033, CD81_HUMAN

Immunogen UNIPROT ID: P60033, CD81_HUMAN

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: CD81 and its second extracellular domain (EC2)

Target alternate names:

Target background: CD81 is co-opted during the life cycle of diverse human pathogens

Molecular weight:

Ic50:

Applications

Application: WB ; ELISA ; FACS ; IF

Application notes:

Handling

Format: Liquid

Concentration: 0.9-1.1mg/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: Kohlhuber et al. 1997. Mol Cell Biol. 17(2):695-706. PMID: 9001223. ; A JAK1/JAK2 chimera can sustain alpha and gamma interferon responses. ; Watling et al. 1993. Nature. 366(6451):166-70. PMID: 7901766. ; Complementation by the protein tyrosine kinase JAK2 of a mutant cell line defective in the interferon-gamma signal transduction pathway.

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