Anti-ENTPD1 [AC2]

Catalogue number: 151580
Sub-type: Primary antibody
Images:

Contributor

Inventor: Martin Rowe
Institute: University of Birmingham
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-ENTPD1 [AC2]

Alternate name:

Class: Monoclonal
Conjugate: Unconjugated
Description: Monoclonal antibody which binds ENTPD1, and reacts with Epstein Barr lymphoblastoid cell lines. ACE2 reacted consistently with all Epstein Barr virus lymphoblastoid cell line (EB-LCL) tested, with a subpopulation of cells in some but not all EB virus genome-positive Burkitt lymphoma lines, but with none of a range of EB virus genome-negative cell lines of lymphoma or leukaemia origin.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG1
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: EBV-transformed human B lymphoblastoid cell line
Immunogen UNIPROT ID: O75356
Sequence:
Growth properties:
Production details:
Formulation:
Recommended controls: EBV-transformed human B lymphoblastoid cell line as positive control
Bacterial resistance:

Selectable markers:
Additional notes:

Target details

Target: Ectonucleoside triphosphate diphosphohydrolase 1 (ENTPD1, CD39)

Target alternate names:

Target background: ENTPD1 is a transmembrane glycoprotein of apparent molecular weight of 70-100 kD that has an Ectonucleoside triphosphate diphosphohydrolase-1 (NTPDase-1, ecto-apyrase) activity hydrolysing the alpha- and beta- phosphate residues of extracellular ATP or ADP. In haematopoietic tissues, it is primarily expressed on activated B, T and NK cells. It is also expressed on some endothelial cells and cardiac neurons, and helps regulate platelet activation, vascular inflammation, and cardiac norepinephrine release.

Molecular weight: 70-100 kDa

Ic50:

Applications

Application: FACS ; IF ; IP ; WB
Application notes: Recommended Concentrations:
FACS: 1ug/5x10^5 cells
Immunofluorescence on acetone-fixed frozen sections or cell smears: 1-2ug/ml
Western blot (ECL): 0.2ug/ml

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: Store at -20° C frozen. Avoid repeated freeze / thaw cycles
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Girdwood et al. 2003. Mol Cell. 11(4):1043-54. PMID: 12718889. ; P300 transcriptional repression is mediated by SUMO modification.