Anti-FMIP [F6D/11]

Catalogue number: 151786
Sub-type: Primary antibody
Images:

Contributor

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Institute: University of Oxford
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-FMIP [F6D/11]

Alternate name:

Class: Monoclonal
Conjugate: Unconjugated
Description: Fms interacting protein (FMIP) is a substrate, as well as a binding partner, of Fms tyrosine kinase. FMIP is a ubiquitous nuclear/cytoplasm shuttling protein with a leucine zipper. The overexpression of FMIP in myeloid progenitor cells alters the macrophage colony stimulating factor (M-CSF)-mediated macrophage differentiation. These cells differentiate into the granulocytic lineage rather than into the macrophage lineage. Furthermore, it has been shown that FMIP is one of the major molecules phosphorylated via the insulin-mediated signaling pathway in a preadipocyte cell line, 3T3-L1 cells, suggesting that FMIP may play a role in adipocyte differentiation.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG1
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: C-terminus of the human FMIP protein as a glutathione-S-transferase (GST) fusion protein
Immunogen UNIPROT ID:
Sequence:
Growth properties:

Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Fms interacting protein (FMIP)

Target alternate names:

Target background: Fms interacting protein (FMIP) is a substrate, as well as a binding partner, of Fms tyrosine kinase. FMIP is a ubiquitous nuclear/cytoplasm shuttling protein with a leucine zipper. The overexpression of FMIP in myeloid progenitor cells alters the macrophage colony stimulating factor (M-CSF)-mediated macrophage differentiation. These cells differentiate into the granulocytic lineage rather than into the macrophage lineage. Furthermore, it has been shown that FMIP is one of the major molecules phosphorylated via the insulin-mediated signaling pathway in a preadipocyte cell line, 3T3-L1 cells, suggesting that FMIP may play a role in adipocyte differentiation.

Molecular weight:

Ic50:

Applications

Application: ELISA ; IHC ; 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: Thomson et al. 2013. Anal Biochem. 436(2):145-50. PMID: 23416181. ; Generation of assays and antibodies to facilitate the study of human 5'-tyrosyl DNA phosphodiesterase.