

## FMIP

CONTACT INFORMATION:	University of Oxford marketed by Ximbio.com
TYPE:	mouse anti human
CLONE NAME:	F6D/11
PROTEIN:	Fms interacting protein (FMIP)
PROTEIN WEB:	<a href="https://www.omim.org/entry/612733">https://www.omim.org/entry/612733</a>
ANTIGEN USED:	C-terminus of the human FMIP protein as a glutathione-S-transferase (GST) fusion protein
FUSION PARTNER:	P3/NS1/1-Ag4.1
ISOTYPE:	IgG1
SPECIES REACTIVITY:	Human
PREPARATION AND STORAGE:	Aliquot and store at 4C. Do not freeze
COMMERCIALIZED BY:	Ximbio.com
APP RECOMMENDED:	ELISA IHC WB

### DESCRIPTION

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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.

### PUBLICATION DESCRIBING ANTIBODY CHARACTERIZATION/VALIDATION

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Oncogene. 2007 Feb 15;26(7):1020-7. Epub 2006 Aug 7.

FMIP controls the adipocyte lineage commitment of C2C12 cells by downmodulation of C/EBP alpha.

Mancini A1, El Bounkari O, Norrenbrock AF, Scherr M, Schaefer D, Eder M, Banham AH, Pulford K, Lyne L, Whetton AD, Tamura T.

PMID: 16909111

<https://www.ncbi.nlm.nih.gov/pubmed/16909111>