

RFP2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant RFP2.

Catalog # AT3624a

Product Information

Application	E
Primary Accession	Q8N5I3
Other Accession	NM_005798
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a lambda
Clone Names	2A11
Calculated MW	31048

Additional Information

Gene ID	283518
Other Names	Potassium channel regulatory protein, Potassium channel regulator, Protein CLLD4, KCNRG, CLLD4
Target/Specificity	RFP2 (NP_005789, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	RFP2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

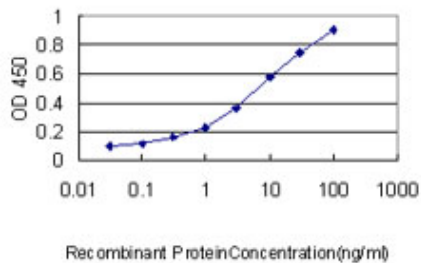
This gene encodes a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This gene is located on chromosome 13 within the minimal deletion region for B-cell chronic lymphocytic leukemia. Multiple alternatively spliced transcript variants have been found for this gene.

References

Toward a confocal subcellular atlas of the human proteome. Barbe L, et al. Mol Cell Proteomics, 2008 Mar. PMID 18029348. The RBCC gene RFP2 (Leu5) encodes a novel transmembrane E3 ubiquitin ligase involved in

ERAD. Lerner M, et al. Mol Biol Cell, 2007 May. PMID 17314412. Human RFP2 gene promoter: unique structure and unusual strength. Skoblov M, et al. Biochem Biophys Res Commun, 2006 Apr 14. PMID 16499869. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334. DLEU2 encodes an antisense RNA for the putative bicistronic RFP2/LEU5 gene in humans and mouse. Corcoran MM, et al. Genes Chromosomes Cancer, 2004 Aug. PMID 15188451.

Images



Detection limit for recombinant GST tagged RFP2 is approximately 0.1 ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.