



Mouse anti-Mouse ACVR1C monoclonal antibody, clone 229422 (CABT-B9371)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Mouse myeloma cell line NS0-derived recombinant rat ALK-7 Leu26-Arg108
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Rat
Clone	229422
Purification	Protein A/G
Conjugate	Unconjugated
Applications	FC, WB
Format	Lyophilized
Concentration	0.1 mg/ml
Size	100 µg
Buffer	PBS with 5% trehalose
Preservative	no preservative
Storage	-20°C, Avoid Freeze/Thaw Cycles

BACKGROUND

Introduction

ACVR1C is a type I receptor for the TGFB (see MIM 190180) family of signaling molecules. Upon ligand binding, type I receptors phosphorylate cytoplasmic SMAD transcription factors, which then translocate to the nucleus and interact directly with DNA or in complex with other transcription factors (Bondestam et al., 2001 [PubMed 12063393]).[supplied by OMIM, Mar 2008]

Keywords

ACVR1C; activin A receptor, type IC; ALK7; ACVRLK7; activin receptor type-1C; ALK-7; ACTR-IC; activin receptor type IC; activin receptor-like kinase 7;

GENE INFORMATION

Entrez Gene ID

[130399](#)

UniProt ID

[Q8NER5](#)