

Datasheet

ACVR1C monoclonal antibody (M01), clone 2E3

Catalog Number: H00130399-M01

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant ACVR1C.

Clone Name: 2E3

Immunogen: ACVR1C (AAH22530.1, 23 a.a. ~ 112 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

SPGLKCVCLLCDSSNFTCQTEGACWASVMLTNGKEQ
VIKSCVSLPELNAQVFCHSSNNVTKTECCFTDFCNNIT
LHLPTASPNAPKLGPM

Host: Mouse

Reactivity: Human

Applications: ELISA, PLA-Ce

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 130399

Gene Symbol: ACVR1C

Gene Alias: ACVRLK7, ALK7

Gene Summary: 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]