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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ACVR2B monoclonal antibody (MF03J), clone 1C11 (FITC)

Catalog Number: H00000093-MF03J

Regulation Status: For research use only (RUO)

Product Description: FITC conjugated mouse monoclonal antibody raised against a partial recombinant ACVR2B.

This product is belong to Cell Culture Grade Antibody (CX Grade).

Clone Name: 1C11

Immunogen: ACVR2B (NP_001097, 21 a.a. ~ 120 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

RGEAETRECIYYNANWELERTNQSGLERCEGEQDKR
LHCYASWRNSSGTIELVKKGCWLDDFNCYDRQECVA
TEENPQVYFCCCEGNFCNERFTHLPEAG

Host: Mouse

Interspecies Antigen Sequence: Mouse (99); Rat (99)

Protocols: See our web site at

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

Conjugation: FITC

Preparation Method: Cell Culture Production

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: 93

Gene Symbol: ACVR2B

Gene Alias: ACTRIIB, ActR-IIB, MGC116908

Gene Summary: Activins are dimeric growth and

differentiation factors which belong to the transforming growth factor-beta (TGF-beta) superfamily of structurally related signaling proteins. Activins signal through a heteromeric complex of receptor serine kinases which include at least two type I (I and IB) and two type II (II and IIB) receptors. These receptors are all transmembrane proteins, composed of a ligand-binding extracellular domain with cysteine-rich region, a transmembrane domain, and a cytoplasmic domain with predicted serine/threonine specificity. Type I receptors are essential for signaling; and type II receptors are required for binding ligands and for expression of type I receptors. Type I and II receptors form a stable complex after ligand binding, resulting in phosphorylation of type I receptors by type II receptors. Type II receptors are considered to be constitutively active kinases. This gene encodes activin A type IIB receptor, which displays a 3- to 4-fold higher affinity for the ligand than activin A type II receptor. [provided by RefSeq]