

订购热线: 4008-898-798

## Anti-ACVR1C antibody

**Cat. No.** ml221481

**Package** 25 μl/100 μl/200 μl

**Storage** -20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

**Product overview** 

**Description** Anti-ACVR1C rabbit polyclonal antibody

**Applications** ELISA, IHC

**Immunogen** Fusion protein of human ACVR1C

Reactivity Human, Mouse, Rat

Content0.2 mg/mlHost speciesRabbit

Ig classImmunogen-specific rabbit IgGPurificationAntigen affinity purification

**Target information** 

Symbol ACVR1C

Full name activin A receptor, type IC

Synonyms ALK7; ACVRLK7

Swissprot Q8NER5

## **Target Background**

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]).



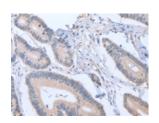
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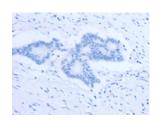
## **Applications**

## **Immunohistochemistry**

Predicted cell location: Cytoplasm Positive control: Human colon cancer

Recommended dilution: 15-50





The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml221481(ACVR1C Antibody) at dilution 1/15, on the right is treated with fusion protein. (Original magnification: ×200)

**ELISA** 

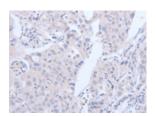
Recommended dilution: 1000-2000

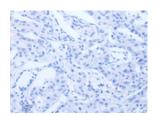
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Predicted cell location: Cytoplasm Positive control: Human lung cancer Recommended dilution: 15-50





The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using ml221481(ACVR1C Antibody) at dilution 1/15, on the right is treated with fusion protein. (Original magnification: ×200)