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anti-ACVR1C/ALK7 antibody (AA 23-112)





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Quantity:	100 μg
Target:	ACVR1C/ALK7 (ACVR1C)
Binding Specificity:	AA 23-112
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ACVR1C/ALK7 antibody is un-conjugated
Application:	ELISA, Proximity Ligation Assay (PLA)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant ACVR1C.
Immunogen:	ACVR1C (AAH22530.1, 23 a.a. \sim 112 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	SPGLKCVCLL CDSSNFTCQT EGACWASVML TNGKEQVIKS CVSLPELNAQ VFCHSSNNVT KTECCFTDFC NNITLHLPTA SPNAPKLGPM
Clone:	2E3
Isotype:	lgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	ACVR1C/ALK7 (ACVR1C)
Alternative Name:	ACVR1C (ACVR1C Products)
Background:	Full Gene Name: activin A receptor, type IC Synonyms: ACVRLK7,ALK7
Gene ID:	130399
Pathways:	Negative Regulation of Hormone Secretion, Positive Regulation of Endopeptidase Activity

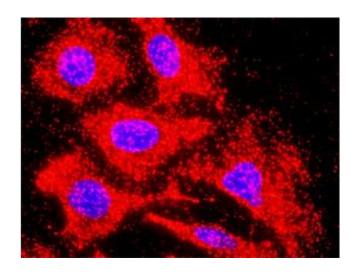
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



Proximity Ligation Assay

Image 1. Proximity Ligation Analysis of protein-protein interactions between INHBB and ACVR1C. HeLa cells were stained with anti-INHBB rabbit purified polyclonal 1:1200 and anti-ACVR1C mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).