



Rabbit Anti-Human ALK-1 monoclonal antibody, clone S215 (CABT-ZB592)

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

PRODUCT INFORMATION

Specificity	It reacts with Human ALK-1
Target	ACVRL1
Immunogen	Recombinant Human ALK-1/ACVRL1 Protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	S215
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(cap) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB592 - CABT-ZB944 This antibody will detect ALK-1 in antibody pair set. [ABPR-ZB169]
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human ALK-1 / ACVRL1.
Format	Purified, Liquid
Concentration	Lot specific
Size	50 µL, 100 µL, 1 mL

Buffer	PBS
Preservative	None
Storage	<p>This antibody can be stored at 2°C-8°C for one month without detectable loss of activity.</p> <p>Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.</p>
Ship	Wet ice

BACKGROUND

Introduction Activin A receptor, type II-like 1 (ACVRL1), also known as ALK-1 (activin receptor-like kinase 1), is an endothelial-specific type I receptor of the TGF-beta (transforming growth factor beta) receptor family of ligands. On ligand binding, a heteromeric receptor complex forms consisting of two type II and two type I transmembrane serine/threonine kinases. ACVRL1 protein is expressed in certain blood vessels of kidney, spleen, heart and intestine, serving as an important role during vascular development. Mutations in ACVRL1 gene are associated with hemorrhagic telangiectasia type 2, also known as Rendu-Osler-Weber syndrome 2 and vascular disease.

Keywords ACVRL1; activin A receptor type II-like 1; HHT; ALK1

GENE INFORMATION

Synonyms ACVRL1; activin A receptor type II-like 1; HHT; ALK1; HHT2; ORW2; SKR3; ALK-1; TSR-I; ACVRLK1; serine/threonine-protein kinase receptor R3; TGF-B superfamily receptor type I; activin A receptor, type II-like kinase 1

Entrez Gene ID [94](#)

UniProt ID [Q9UK05](#)