

ARG45110 anti-ZEB2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ZEB2
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, IHC-Fr, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ZEB2
Species	Human
Immunogen	E.coli-derived human ZEB2 recombinant protein (aa: 1-200)
Conjugation	Un-conjugated
Alternate Names	ZEB2; Zinc Finger E-Box Binding Homeobox 2; SIP1; KIAA0569; ZFH1B; SIP-1; Zinc Finger E-Box-Binding Homeobox 2; SMAD Interacting Protein 1; Smad-Interacting Protein 1; Zinc Finger Homeobox 1b; SMADIP1; Zinc Finger Homeobox Protein 1b; HSPC082; ZFX1B

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3µg / 1x10 ⁶ cells
	ICC/IF	0.5 - 1µg/ml
	IHC-Fr	0.5 - 1µg/ml
	IHC-P	0.5 - 1µg/ml
	WB	0.1 - 0.5µg/ml

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl, 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	ZEB2
Gene Full Name	Zinc Finger E-Box Binding Homeobox 2
Background	The protein encoded by this gene is a member of the Zfh1 family of 2-handed zinc finger/homeodomain proteins. It is located in the nucleus and functions as a DNA-binding transcriptional repressor that interacts with activated SMADs. Mutations in this gene are associated with Hirschsprung disease/Mowat-Wilson syndrome. Alternatively spliced transcript variants have been found for this gene.[provided by RefSeq, Jan 2010]
Function	Represses transcription of E-cadherin. Represses expression of MEOX2. [Uniprot]
Calculated Mw	136 kDa
PTM	Acetylation, Isopeptide bond, Phosphoprotein, Ubl conjugation. [Uniprot]
Cellular Localization	Chromosome, Nucleus. [Uniprot]