



Anti-EED monoclonal antibody (DCABH-11359)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the Polycomb-group (PcG) family. PcG family members form multimeric protein complexes, which are involved in maintaining the transcriptional repressive state of genes over successive cell generations. This protein interacts with enhancer of zeste 2, the cytoplasmic tail of integrin beta7, immunodeficiency virus type 1 (HIV-1) MA protein, and histone deacetylase proteins. This protein mediates repression of gene activity through histone deacetylation, and may act as a specific regulator of integrin function. Two transcript variants encoding distinct isoforms have been identified for this gene.
Immunogen	A synthetic peptide of human EED is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [EED embryonic ectoderm development \[Homo sapiens \]](#)

Official Symbol	EED
Synonyms	EED; embryonic ectoderm development; polycomb protein EED; HEED; WAIT 1; WD protein associating with integrin cytoplasmic tails 1; WAIT1;
Entrez Gene ID	8726
Protein Refseq	NP_003788
UniProt ID	O75530
Chromosome Location	11q14.2-q22.3
Function	chromatin binding; histone methyltransferase activity; identical protein binding; protein binding;