



Anti-DVL2 monoclonal antibody (DCABH-11345)

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 dishevelled (dsh) protein family. The vertebrate dsh proteins have approximately 40% amino acid sequence similarity with Drosophila dsh. This gene encodes a 90-kD protein that undergoes posttranslational phosphorylation to form a 95-kD cytoplasmic protein, which may play a role in the signal transduction pathway mediated by multiple Wnt proteins. The mechanisms of dishevelled function in Wnt signaling are likely to be conserved among metazoans.
Immunogen	A synthetic peptide of human DVL2 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	DVL2 dishevelled, dsh homolog 2 (Drosophila) [Homo sapiens]
Official Symbol	DVL2
Synonyms	DVL2; dishevelled, dsh homolog 2 (Drosophila); dishevelled 2 (homologous to Drosophila dsh); segment polarity protein dishevelled homolog DVL-2; DSH homolog 2; dishevelled-2;
Entrez Gene ID	1856
Protein Refseq	NP_004413
UniProt ID	O14641
Chromosome Location	17p13.1
Pathway	Basal cell carcinoma, organism-specific biosystem; Basal cell carcinoma, conserved biosystem; Canonical Wnt signaling pathway, organism-specific biosystem; DNA damage response (only ATM dependent), organism-specific biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem; Melanogenesis, organism-specific biosystem.
Function	frizzled binding; identical protein binding; protein binding; protein domain specific binding; protein self-association; signal transducer activity;