



Anti-DHDDS monoclonal antibody (DCABH-11271)

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

PRODUCT INFORMATION

Antigen Description	Dehydrololichyl diphosphate (dedol-PP) synthase catalyzes cis-prenyl chain elongation to produce the polyprenyl backbone of dolichol, a glycosyl carrier lipid required for the biosynthesis of several classes of glycoproteins.
Immunogen	A synthetic peptide of human DHDDS 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	DHDDS dehydrololichyl diphosphate synthase [Homo sapiens]
Official Symbol	DHDDS

Synonyms	DHDDS; dehydrololichyl diphosphate synthase; DS; FLJ13102; HDS; dedol-PP synthase; cis-prenyl transferase; cis-isoprenyltransferase; CIT; CPT; RP59;
Entrez Gene ID	79947
Protein Refseq	NP_001230493
UniProt ID	Q86SQ9
Chromosome Location	1p35.3
Pathway	Terpenoid backbone biosynthesis, organism-specific biosystem; Terpenoid backbone biosynthesis, conserved biosystem; dolichol and dolichyl phosphate biosynthesis, organism-specific biosystem.
Function	protein binding; transferase activity, transferring alkyl or aryl (other than methyl) groups;