



Anti-DDX10 monoclonal antibody (DCABH-11242)

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

PRODUCT INFORMATION

Antigen Description	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, and it may be involved in ribosome assembly. Fusion of this gene and the nucleoporin gene, NUP98, by inversion 11 (p15q22) chromosome translocation is found in the patients with de novo or therapy-related myeloid malignancies.
Immunogen	A synthetic peptide of human DDX10 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	DDX10 DEAD (Asp-Glu-Ala-Asp) box polypeptide 10 [Homo sapiens]
Official Symbol	DDX10
Synonyms	DDX10; DEAD (Asp-Glu-Ala-Asp) box polypeptide 10; DEAD/H (Asp Glu Ala Asp/His) box polypeptide 10 (RNA helicase); probable ATP-dependent RNA helicase DDX10; HRH J8; DEAD box-10; DEAD box protein 10; DDX10-NUP98 fusion protein type 2; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 10 (RNA helicase); HRH-J8;
Entrez Gene ID	1662
Protein Refseq	NP_004389
UniProt ID	Q13206
Chromosome Location	11q22-q23
Function	ATP binding; ATP-dependent helicase activity; RNA binding; RNA helicase activity; hydrolase activity; nucleotide binding;