



# Anti-DDX18 monoclonal antibody (DCABH-11243)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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 is activated by Myc protein.
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<b>Immunogen</b>	A synthetic peptide of human DDX18 is used for rabbit immunization.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Western Blot (Transfected lysate); ELISA
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">DDX18 DEAD (Asp-Glu-Ala-Asp) box polypeptide 18 [ Homo sapiens ]</a>
<b>Official Symbol</b>	DDX18
<b>Synonyms</b>	DDX18; DEAD (Asp-Glu-Ala-Asp) box polypeptide 18; DEAD/H (Asp Glu Ala Asp/His) box polypeptide 18 (Myc regulated); ATP-dependent RNA helicase DDX18; MrDb; DEAD box protein 18; Myc-regulated DEAD box protein; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 18 (Myc-regulated); FLJ33908;
<b>Entrez Gene ID</b>	<a href="#">8886</a>
<b>Protein Refseq</b>	<a href="#">NP_006764</a>
<b>UniProt ID</b>	<a href="#">A0A024RAH8</a>
<b>Chromosome Location</b>	2q21.2
<b>Pathway</b>	Validated targets of C-MYC transcriptional activation, organism-specific biosystem.
<b>Function</b>	ATP binding; ATP-dependent RNA helicase activity; RNA binding; helicase activity; hydrolase activity; nucleotide binding; protein binding;