



# Anti-ANXA9 monoclonal antibody (DCABH-10532)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	The annexins are a family of calcium-dependent phospholipid-binding proteins. Members of the annexin family contain 4 internal repeat domains, each of which includes a type II calcium-binding site. The calcium-binding sites are required for annexins to aggregate and cooperatively bind anionic phospholipids and extracellular matrix proteins. This gene encodes a divergent member of the annexin protein family in which all four homologous type II calcium-binding sites in the conserved tetrad core contain amino acid substitutions that ablate their function. However, structural analysis suggests that the conserved putative ion channel formed by the tetrad core is intact.
----------------------------	---

<b>Immunogen</b>	A synthetic peptide of human ANXA9 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="#">ANXA9 annexin A9 [ Homo sapiens ]</a>
<b>Official Symbol</b>	ANXA9
<b>Synonyms</b>	ANXA9; annexin A9; ANX31; annexin-9; pemphaxin; annexin 31; annexin-31; annexin XXXI;
<b>Entrez Gene ID</b>	<a href="#">8416</a>
<b>Protein Refseq</b>	<a href="#">NP_003559</a>
<b>UniProt ID</b>	<a href="#">O76027</a>
<b>Chromosome Location</b>	1q21.2
<b>Function</b>	acetylcholine receptor activity; calcium ion binding; calcium-dependent phospholipid binding; phosphatidylserine binding; phospholipid binding; protein homodimerization activity;