



# Anti-WNT1 monoclonal antibody, clone 24G0 (DCABH-61)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse monoclonal to Wnt1
<b>Antigen Description</b>	Ligand for members of the frizzled family of seven transmembrane receptors. In some developmental processes, is also a ligand for the coreceptor RYK, thus triggering Wnt signaling. Probable developmental protein. May be a signaling molecule important in CNS development. Is likely to signal over only few cell diameters.
<b>Immunogen</b>	Synthetic peptide corresponding to internal sequence amino acids of Human Wnt1.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Mouse, Human
<b>Clone</b>	24G0
<b>Purification</b>	This antibody is an IgG fraction antibody purified from tissue culture supernatant by Protein A chromatography followed by extensive dialysis against the buffer.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Positive Control</b>	Mouse testis lysate.
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	pH: 7.20; Preservative: 0.01% Sodium azide; Constituents: 0.42% Potassium phosphate,

	0.88% Sodium chloride
<b>Preservative</b>	0.01% Sodium Azide
<b>Storage</b>	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">WNT1 wingless-type MMTV integration site family, member 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	WNT1
<b>Synonyms</b>	WNT1; wingless-type MMTV integration site family, member 1; INT1; proto-oncogene Wnt-1; proto-oncogene Int-1 homolog; wingless-type MMTV integration site family, member 1 (oncogene INT1);
<b>Entrez Gene ID</b>	<a href="#">7471</a>
<b>Protein Refseq</b>	<a href="#">NP_005421</a>
<b>UniProt ID</b>	<a href="#">P04628</a>
<b>Chromosome Location</b>	12q13
<b>Pathway</b>	Adipogenesis, organism-specific biosystem; Basal cell carcinoma, organism-specific biosystem; Basal cell carcinoma, conserved biosystem; C-MYB transcription factor network, organism-specific biosystem; Class B/2 (Secretin family receptors), organism-specific biosystem; DNA damage response (only ATM dependent), organism-specific biosystem; Developmental Biology, organism-specific biosystem;
<b>Function</b>	cytokine activity; frizzled binding; frizzled-2 binding; protein binding; protein domain specific binding; receptor agonist activity; transcription regulatory region DNA binding;