

# Anti-Wnt3 Antibody

Mouse Monoclonal Antibody

Catalog # AP53437

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P56703</a>
<b>Other Accession</b>	<a href="#">NM_030753</a>
<b>Reactivity</b>	Transfected
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Immunogen</b>	Purified recombinant human Wnt3 protein fragments expressed in E.coli.
<b>Purification</b>	Affinity purified
<b>Calculated MW</b>	39645

## Additional Information

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<b>Gene ID</b>	7473
<b>Other Names</b>	Int 4;INT4;MGC131950;MGC138321;MGC138323;Proto-oncogene Int-4 homolog;Proto-oncogene Wnt-3;wingless type MMTV integration site family member 3;Wnt 3 proto oncogene protein;WNT 3 proto oncogene protein precursor;wnt3;WNT3_HUMAN.
<b>Dilution</b>	WB~~1:1000
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Storage</b>	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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<b>Name</b>	WNT3
<b>Synonyms</b>	INT4
<b>Function</b>	Ligand for members of the frizzled family of seven transmembrane receptors (Probable). Functions in the canonical Wnt signaling pathway that results in activation of transcription factors of the TCF/LEF family (PubMed: <a href="#">26902720</a> ). Required for normal gastrulation, formation of the primitive streak, and for the formation of the mesoderm during early embryogenesis. Required for normal formation of the apical ectodermal ridge (By similarity). Required for normal embryonic development, and especially for limb development (PubMed: <a href="#">14872406</a> ).

**Cellular Location**

Secreted, extracellular space, extracellular matrix. Secreted

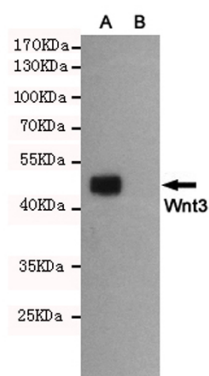
**Background**

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Ligand for members of the frizzled family of seven transmembrane receptors. Wnt-3 and Wnt-3a play distinct roles in cell-cell signaling during morphogenesis of the developing neural tube.

**Images**

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Western blot detection of Wnt3 in CHO-K1 cell lysate (B) and CHO-K1 transfected by Wnt3 (A) cell lysate using Wnt3 mouse mAb (1:1000 diluted). Predicted band size: 40KDa. Observed band size: 45KDa.

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