



# Wnt3a mouse mAb

<b>Catalog No</b>	BYab-04502
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human
<b>Applications</b>	WB
<b>Gene Name</b>	wnt3a
<b>Protein Name</b>	
<b>Immunogen</b>	Purified recombinant Wnt3a protein fragments expressed in E.coli.
<b>Specificity</b>	This antibody detects endogenous levels of Wnt3a and Wnt3.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	wb dilution 1:1000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	MGC119418 ;MGC119419 ;MGC119420 ;Protein Wnt 3a Precursor ;Protein Wnt-3a ;Wingless type MMTV integration site family member 3A ;Wnt 3a ;wnt3a ;WNT3A protein ;WNT3A_HUMAN.
<b>Observed Band</b>	42kD
<b>Cell Pathway</b>	Secreted, extracellular space, extracellular matrix . Secreted .
<b>Tissue Specificity</b>	Moderately expressed in placenta and at low levels in adult lung, spleen, and prostate.
<b>Function</b>	function:Ligand for members of the frizzled family of seven transmembrane receptors.,function: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.,similarity:Belongs to the Wnt family.,subunit:Interacts with PORCN.,tissue specificity:Moderately expressed in placenta and at low levels in adult lung, spleen, and prostate.,
<b>Background</b>	The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and

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patterning during embryogenesis. This gene is a member of the WNT gene family. It encodes a protein which shows 96% amino acid identity to mouse Wnt3A protein, and 84% to human WNT3 protein, another WNT gene product. This gene is clustered with WNT14 gene, another family member, in chromosome 1q42 region. [provided by RefSeq, Jul 2008],

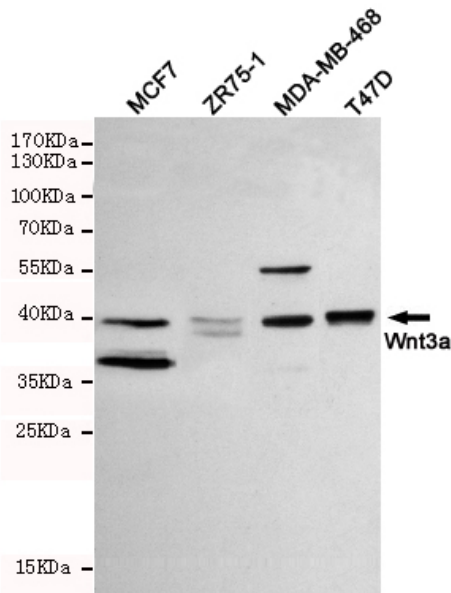
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**



Western blot detection of Wnt3a in MCF-7,ZR75-1,MDA-MB-468 and T47D cell lysates using Wnt3a mouse mAb (1:1000 diluted).Predicted band size: 42KDa.Observed band size:42KDa.