

### 32-6247: Mouse Anti Human Protein Wnt-3a(Clone:P3A6AT.)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	P3A6AT.
<b>Application :</b>	ELISA,WB,IHC
<b>Gene :</b>	WNT3A
<b>Gene ID :</b>	89780
<b>Uniprot ID :</b>	P56704
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Protein Wnt-3a,MGC119418,MGC119419,MGC119420,WNT3A,wingless-type MMTV integration site family member 3A.
<b>Isotype :</b>	Mouse IgG2a heavy chain and ? light chain.
<b>Immunogen Information :</b>	Anti-human WNT3A mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human WNT3A amino acids 19-352 purified from E. coli.

#### Description

The WNT gene family consists of structurally related genes that encode secreted signaling proteins. These proteins are implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. WNT3A is a member of the WNT gene family. WNT3A is a protein which shows 96% amino acid identity to mouse Wnt3A protein, and 84% to human WNT3 protein, another WNT gene product. The WNT3A gene is clustered with WNT14 gene, another family member, in chromosome 1q42 region.

#### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	WNT3A antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
<b>Content :</b>	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
<b>Storage condition :</b>	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

#### Application Note

WNT3A antibody has been tested by ELISA, Western blot and immunohistochemistry analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot is 1:1,000~1:2,000 and immunohistochemistry analysis is 1:50~100. Recommended starting dilution for Western blot is 1:1,000 and Immunohistochemistry is 1:50.