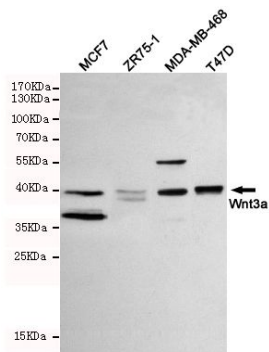




Wnt3a

Mouse monoclonal Antibody

#53770

Catalog Number: 53770**Amount:** 100µg/100µl**Swiss-Prot No. :** P56704**Gene name:** wnt5b**Gene id:** 89780**Clone Number:** 6H11-H11-G7**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human Wnt3a protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of Wnt3a and does not cross-react with related proteins**Reactivity:** Human**Applications:** Predicted MW: 42kd WB: 1:1000

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.

Background:

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 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.