

Anti-WNT5A Rabbit Monoclonal Antibody

rev 03/21

CATALOG NO.: A2246-100 (100 µl)

BACKGROUND DESCRIPTION: The WNT gene family consists of structurally related genes that encode secreted signaling proteins. These proteins have been implicated in oncogenesis and several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene encodes a member of the WNT family that signals through both the canonical and non-canonical WNT pathways. This protein is a ligand for the seven-transmembrane receptor frizzled-5 and the tyrosine kinase orphan receptor 2. This protein plays an essential role in regulating developmental pathways during embryogenesis. This protein may also play a role in oncogenesis. Mutations in this gene are the cause of autosomal dominant Robinow syndrome. Alternate splicing results in multiple transcript variants.

ALTERNATE NAMES: hWNT5A, Wnt5a, WNT5A

ANTIBODY TYPE: Monoclonal – Clone ARC0405

HOST/ISOTYPE: Rabbit / IgG

IMMUNOGEN: Synthetic peptide derived from human WNT5A

MOLECULAR WEIGHT: 42 kDa

PURIFICATION: Affinity purified

FORM: Liquid

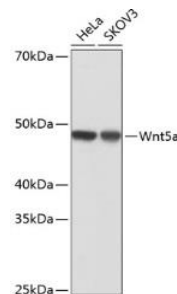
FORMULATION: In PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3

SPECIES REACTIVITY: Human

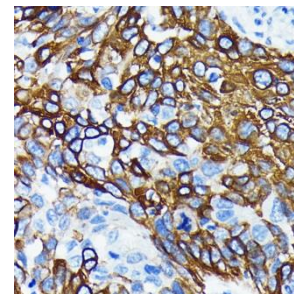
STORAGE CONDITIONS: Store at -20 °C. Avoid freeze/thaw cycles

APPLICATIONS AND USAGE: WB 1:500 - 1:2000, IHC 1:50 - 1:200

This information is only intended as a guide. The optimal dilutions must be determined by the user



Western blot analysis of HeLa and SKOV3 cell extracts using Anti-WNT5A Rabbit Monoclonal antibody at 1:1000 dilution. HRP Goat Anti-Rabbit IgG (H+L) was used as secondary antibody at a dilution of 1:10,000. 25 µg of lysates was loaded per lane. 3% nonfat dry milk in TBST was used as blocking buffer. Detection was performed using ECL Basic Kit. Exposure time was 10s.



Immunohistochemical analysis of paraffin embedded human lung cancer using Anti-WNT5A Rabbit Monoclonal antibody at dilution of 1:100 (Magnification: 40x).

RELATED PRODUCTS:

LOX-1 Antibody (3659R)

Anti-ROR2 Antibody (A1460)

TLR4 Antibody (3253)

Anti-mTOR Rabbit Monoclonal Antibody (A1595)