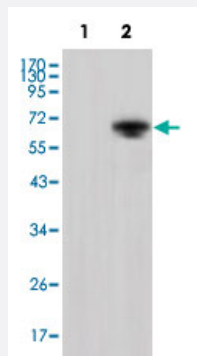


WNT5A monoclonal antibody, clone 3D10

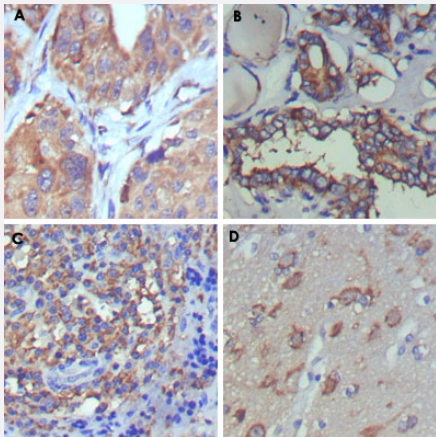
Catalog # MAB10432 Size 100 uL

Applications



Western Blot (Transfected lysate)

Western blot analysis using WNT5A monoclonal antibody, clone 3D10 (Cat # MAB10432) against HEK293 (1) and WNT5A-hlgFc transfected HEK293 cell lysate (2).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human lung cancer (A), thyroid cancer (B), lymph node (C) and brain (D) showing cytoplasmic and extracellular matrix localization using WNT5A monoclonal antibody, clone 3D10 (Cat # MAB10432) with DAB staining.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant WNT5A.
Immunogen	Recombinant protein corresponding to human WNT5A.
Host	Mouse
Theoretical MW (kDa)	42.3
Reactivity	Human

Form	Liquid
Isotype	IgG1
Recommend Usage	Western Blot (1:500-1:2000) Immunohistochemistry (1:200-1:1000) ELISA (1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascitic (0.03% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — WNT5A

Entrez GeneID	7474
Gene Name	WNT5A
Gene Alias	hWNT5A
Gene Description	wingless-type MMTV integration site family, member 5A
Omim ID	164975
Gene Ontology	Hyperlink

Gene Summary

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 98%, 98% and 87% amino acid identity to the mouse, rat and the xenopus Wnt5A protein, respectively. The experiments performed in *Xenopus laevis* embryos identified that human frizzled-5 (hFz5) is the receptor for the Wnt5A ligand and the Wnt5A/hFz5 signaling mediates axis induction. [provided by RefSeq]

Other Designations

WNT-5A protein

Pathway

- [Basal cell carcinoma](#)
- [Hedgehog signaling pathway](#)
- [Melanogenesis](#)
- [Pathways in cancer](#)
- [Wnt signaling pathway](#)

Disease

- [Amyotrophic lateral sclerosis](#)
- [Anoxia](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Tuberculosis](#)