

RecomAb™

WNT5A recombinant monoclonal antibody, clone R08-4A3

Catalog # RAB01826 Size 100 uL

Applications



Western Blot

Western blot analysis of HeLa lysates with WNT5A recombinant monoclonal antibody, clone R08-4A3 (Cat # RAB01826).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human WNT5A.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human WNT5A.
Theoretical MW (kDa)	Calculated MW: 42 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1:50-1:200) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

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

- Western Blot

Western blot analysis of Hela lysates with WNT5A recombinant monoclonal antibody, clone R08-4A3 (Cat # RAB01826).

- Immunocytochemistry

Gene Info — WNT5A

Entrez GeneID[7474](#)**Protein Accession#**[P41221](#)**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](#)