

## Summary

|                        |                                  |
|------------------------|----------------------------------|
| <b>Production Name</b> | Wnt5a Rabbit Monoclonal Antibody |
| <b>Description</b>     | Rabbit Monoclonal antibody       |
| <b>Host</b>            | Rabbit                           |
| <b>Application</b>     | WB, ICC/IF                       |
| <b>Reactivity</b>      | Human                            |

## Performance

|                     |                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                                         |
| <b>Modification</b> | Unmodified                                                                                           |
| <b>Isotype</b>      | IgG                                                                                                  |
| <b>Clonality</b>    | Monoclonal                                                                                           |
| <b>Form</b>         | Liquid                                                                                               |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.             |
| <b>Buffer</b>       | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| <b>Purification</b> | Affinity Purification                                                                                |

## Immunogen

|                          |                       |
|--------------------------|-----------------------|
| <b>Gene Name</b>         | WNT5A                 |
| <b>Alternative Names</b> | WNT5A; Protein Wnt-5a |
| <b>Gene ID</b>           | 7474                  |
| <b>SwissProt ID</b>      | P41221.               |

## Application

|                         |                                            |
|-------------------------|--------------------------------------------|
| <b>Dilution Ratio</b>   | WB: 1:500-1:1000 IF: 1:50-1:200            |
| <b>Molecular Weight</b> | Calculated MW: 42 kDa; Observed MW: 45 kDa |

## Background

**Product Name: Wnt5a Rabbit Monoclonal Antibody**  
**Catalog #: AMRe02775**

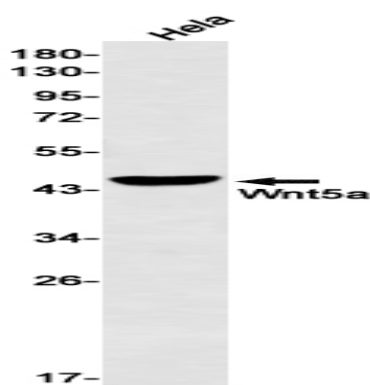


Ligand for members of the frizzled family of seven transmembrane receptors. Can activate or inhibit canonical Wnt signaling, depending on receptor context. In the presence of FZD4, activates beta-catenin signaling. In the presence of ROR2, inhibits the canonical Wnt pathway by promoting beta-catenin degradation through a GSK3-independent pathway which involves down-regulation of beta-catenin-induced reporter gene expression.

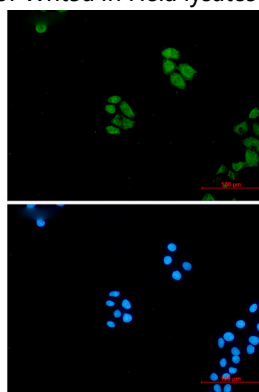
## Research Area

Neuroscience

## Image Data



Western blot analysis of Wnt5a in HeLa lysates using Wnt5a antibody.



Immunocytochemistry analysis of Wnt5a (green) in HeLa using Wnt5a antibody, and DAPI (blue)

## Note

For research use only.