

## WNT5A RABBIT MAB

**Cat.#:** N263085

**Product Name:** Anti-Wnt5a Rabbit Monoclonal Antibody

**Synonyms:** WNT5A; Protein Wnt-5a

**UNIPROT ID:** P41221

**Background:** 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.

**Immunogen:** A synthetic peptide of human Wnt5a

**Applications:** WB, ICC/IF

**Recommended Dilutions:** WB: 1/500-1/1000 IF: 1/50-1/200

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R08-4A3

**MW:** Calculated MW: 42 kDa; Observed MW: 45 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human

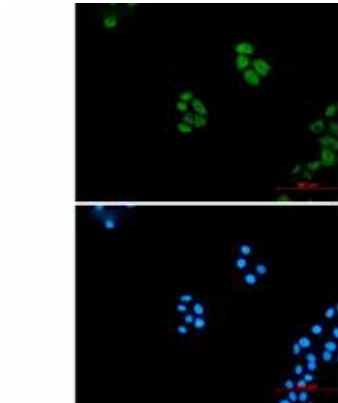
**Conjugation:** Unconjugated

**Modification:** Unmodified

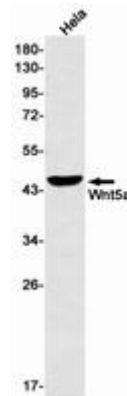
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Neuroscience

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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



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