

## Anti-Wnt5a Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R011304

### Product Information

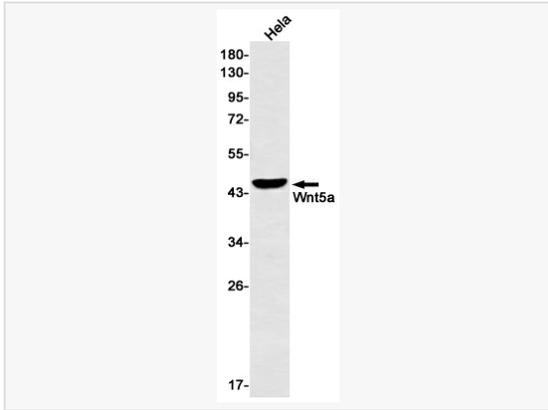
Application	WB, ICC/IF (Cell), ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000; IF 1:50~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	26M71L64
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human Wnt5a
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Wnt5a antibody [26M71L64] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

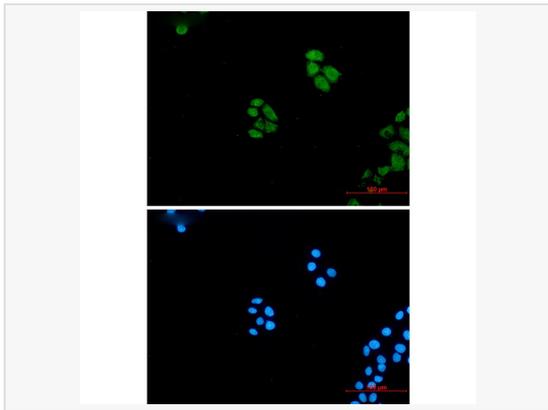
Synonyms	WNT5A, Protein Wnt-5a.
Calculated MW	Calculated MW: 42 kDa; Observed MW: 45 kDa
Uniprot ID	P41221
Gene ID	7474
Background	Ligand for members of the frizzled family of seven transmembrane receptors. Can activate or inhibit canonical Wnt signaling, depending on receptor context. In the presence 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.

## Validation Images

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



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