

Recombinant

DGRmAb®

**Wnt5a (DGR11944) Rabbit mAb (PBS Only)**

db12118-PBS

Package : 100µg

**Product Name** : Wnt5a (DGR11944) Rabbit mAb (PBS Only)**Cat.No.:** db12118-PBS**Synonyms** : hWNT5A**Application** : WB, ICC/IF, FC**Reactivity** : Human**Host species** : Rabbit**Background**

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 encodes a member of the WNT family that signals through both the canonical and non-canonical WNT pathways. This protein is a ligand for the seven transmembrane receptor frizzled-5 and the tyrosine kinase orphan receptor 2. This protein plays an essential role in regulating developmental pathways during embryogenesis. This protein may also play a role in oncogenesis. Mutations in this gene are the cause of autosomal dominant Robinow syndrome. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2012]

**Immunogen**

A synthetic peptide of human Wnt5a

**Gene ID**

7474

**Swiss Prot**

P41221

**Synonyms**

hWNT5A

**Reactivity**

Human

**Application**

WB, ICC/IF, FC

**Calculated MW**

42 kDa

**Observed MW**

45 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

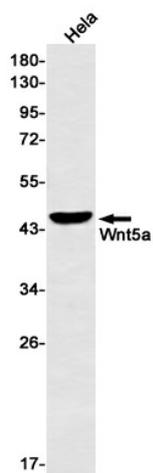
**Clonality No.**

DGR11944

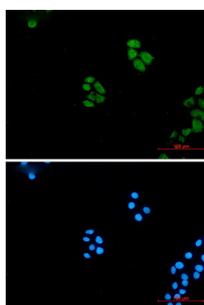
**Isotype**

IgG

<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of Wnt5a in HeLa cell lysates using Wnt5a antibody(1:500 diluted).



Immunofluorescent analysis of HeLa cells using db12118 antibody (green), and DAPI (blue).