

Recombinant

DGRmAb®

Wnt5a (DGR11944) Rabbit mAb

db12118

Package : 10µL 20µL 50µL 100µL

Product Name : Wnt5a (DGR11944) Rabbit mAb**Cat.No.:** db12118**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

Recommended dilution

WB: 1:1000

ICC/IF: 1:50-1:100

FC: 1:20

Calculated MW

42 kDa

Observed MW

45 kDa

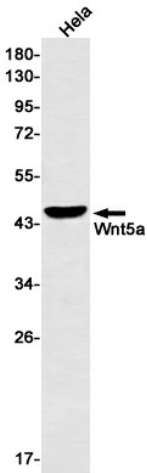
Host species

Rabbit

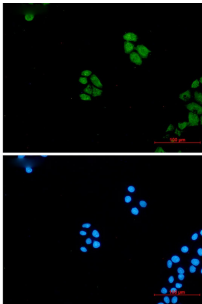
Clonality

Monoclonal

Clonality No.	DGR11944
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. 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).