

Recombinant

DGRmAb®

## Phospho-SMAD5 (Ser463/Ser465) (DGR11710) Rabbit mAb

db14109

Package : 10µL 20µL 50µL 100µL

**Product Name :** Phospho-SMAD5 (Ser463/Ser465) (DGR11710) Rabbit mAb**Cat.No.:** db14109**Synonyms :** DWFC; JV5-1; MADH5**Application :** WB, IHC-P**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

The protein encoded by this gene is involved in the transforming growth factor beta signaling pathway that results in an inhibition of the proliferation of hematopoietic progenitor cells. The encoded protein is activated by bone morphogenetic proteins type 1 receptor kinase, and may be involved in cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014]

**Immunogen**

A synthetic phosphopeptide corresponding to residues surrounding Ser463/Ser465 of human SMAD5

**Gene ID**

4090

**Swiss Prot**

Q99717

**Synonyms**

DWFC; JV5-1; MADH5

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P

**Recommended dilution**WB: 1:1000-1:5000  
IHC-P: 1:100-1:1000**Calculated MW**

52 kDa

**Observed MW**

60 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR11710

**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 analysis of extracts from MCF-7 cells using db14109 at 1:1000.

