

**Recombinant****DGRmAb®****Phospho-SMAD5 (Ser463/Ser465) (DGR11710) Rabbit mAb (PBS Only)****db14109-PBS****Package : 100µg****Product Name :** Phospho-SMAD5 (Ser463/Ser465) (DGR11710) Rabbit mAb (PBS Only)**Cat.No.:** db14109-PBS**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

**Calculated MW**

52 kDa

**Observed MW**

60 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR11710

**Isotype**

IgG

**Purity**

Affinity Purification

**Conjugation**

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 analysis of extracts from MCF-7 cells using [db14109](#)

**MCF-7**

