

Recombinant

DGRmAb®

## Phospho-Vimentin (Ser56) (DGR20998) Rabbit mAb (PBS Only)

db14440-PBS

Package : 10µg 100µg

**Product Name** : Phospho-Vimentin (Ser56) (DGR20998) Rabbit mAb (PBS Only)**Cat.No.:** db14440-PBS**Synonyms** : VIM**Application** : WB, ICC/IF, FC, IP**Reactivity** : Human**Host species** : Rabbit**Background**

This gene encodes a type III intermediate filament protein. Intermediate filaments, along with microtubules and actin microfilaments, make up the cytoskeleton. The encoded protein is responsible for maintaining cell shape and integrity of the cytoplasm, and stabilizing cytoskeletal interactions. This protein is involved in neuritogenesis and cholesterol transport and functions as an organizer of a number of other critical proteins involved in cell attachment, migration, and signaling. Bacterial and viral pathogens have been shown to attach to this protein on the host cell surface. Mutations in this gene are associated with congenital cataracts in human patients. [provided by RefSeq, Aug 2017]

**Immunogen**

A synthetic phosphopeptide corresponding to residues surrounding Ser56 of human Vimentin

**Gene ID**

7431

**Swiss Prot**

P08670

**Synonyms**

VIM

**Reactivity**

Human

**Application**

WB, ICC/IF, FC, IP

**Calculated MW**

54 kDa

**Observed MW**

54 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR20998

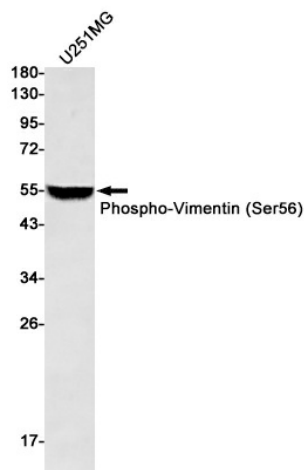
**Isotype**

IgG

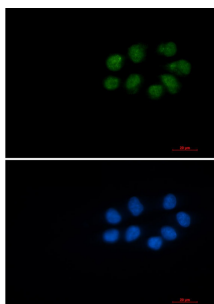
**Purity**

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 Phospho-Vimentin (Ser56) in U251MG cell lysates using Phospho-Vimentin (Ser56) antibody(1:500 diluted).



Immunofluorescent analysis of HeLa cells using [db14440](#) antibody (green), and DAPI (blue).