

Recombinant

DGRmAb®

Vimentin (DGR12122) Rabbit mAb

db11589

Package : 10μL 20μL 50μL 100μL

Product Name : Vimentin (DGR12122) Rabbit mAb**Cat.No.:** db11589**Synonyms** : VIM**Application** : WB, IHC, ICC/IF, FC**Reactivity** : Human, Mouse, Rat**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 peptide of human Vimentin

Gene ID

7431

Swiss Prot

P08670

Synonyms

VIM

Reactivity

Human, Mouse, Rat

Application

WB, IHC, ICC/IF, FC

Recommended dilutionWB: 1:1000
IHC: 1:200-1:500
ICC/IF: 1:100
FC: 1:100**Calculated MW**

54 kDa

Observed MW

54 kDa

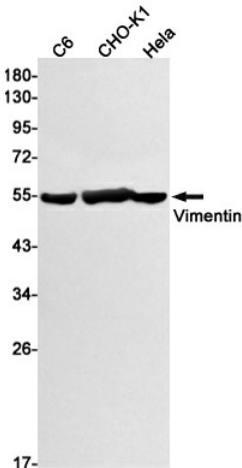
Host species

Rabbit

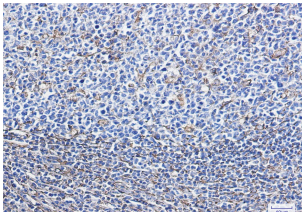
Clonality

Monoclonal

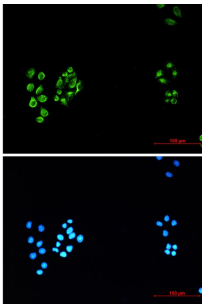
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|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality No. | DGR12122 |
| Isotype | IgG |
| Purity | Affinity 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 Vimentin in C6,CHO-K1,HeLa cell lysates using Vimentin antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human tonsil using db11589 antibody.



Immunofluorescent analysis of HeLa cells using db11589 antibody (green), and DAPI (blue).