







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 dilution WB: 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





Clonality No. DGR12122

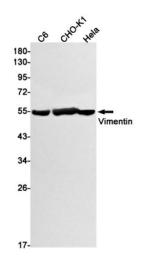
Isotype IgG

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

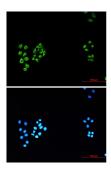
azide and 0.05% BSA. Stable for 12 months from date of receipt.



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).