Recombinant DGRmAb®

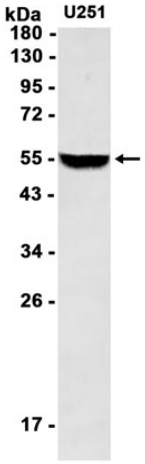
Phospho-Vimentin (Ser56) (DGR20998) Rabbit mAb

db14440 **Package : 10μL 20μL 50μL 100μL**

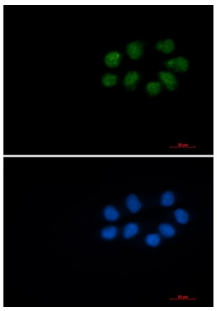
Product Name : Phospho-Vimentin (Ser56) (DGR20998) Rabbit mAb
Cat.No.: db14440
Synonyms : VIM
Application : WB, ICC/IF, FC, IP
Reactivity : Human
Host species : Rabbit

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
Recommended dilution	WB: 1:1000 ICC/IF: 1:500-1:1000 FC: 1:200-1:500 IP: 1:20-1:50
Calculated MW	54 kDa
Observed MW	54 kDa
Host species	Rabbit
Clonality	Monoclonal

Clonality No.	DGR20998
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 U251 cells using db14440 at 1:1000.



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