Vimentin (DGR12122) Rabbit mAb (AF647)

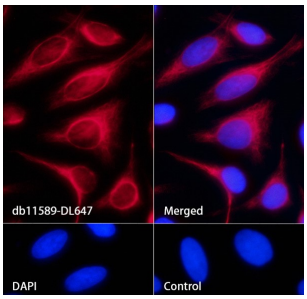
db11589-DL647 **Package：100μL**

Product Name : Vimentin (DGR12122) Rabbit mAb (AF647)
Cat.No.: db11589-DL647
Synonyms : VIM
Application : 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	IHC, ICC/IF, FC
Recommended dilution	ICC/IF: 1:200-1:1000
Calculated MW	54 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR12122
Isotype	IgG
Purity	Affinity Purification
Conjugation	AF647

Storage Stability

Store at -20°C. Avoid exposure to light. Supplied in PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3. Stable for 12 months from date of receipt.



Immunofluorescence analysis of HeLa cells labelling Vimentin with db11589-DL647.

The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db11589-DL647 (1:200， shown in red) at room temprature for 1h. Nuclear DNA was labeled in blue with DAPI.

Control: DAPI only.