

Vimentin recombinant antibody, VHH-mouse IgG1 Fc fusion [CTK0211]

Product code: vfrb



Properties

Description	Rabbit monoclonal antibody to Vimentin. Recombinant fusion of anti-Vimentin Nanobody (VHH) [CTK0211] and rabbit IgG Fc domain.
Target / Specificity	Vimentin
Species Specificity	Human, dog
GenBank Accession Number	BC000163
GeneID (NCBI)	7431
Product Type	Primary antibody; chimeric fusion of Nanobody (VHH) and rabbit IgG Fc domain
Format	Recombinant monoclonal rabbit antibody
Source	Rabbit, recombinantly produced
Isotype / Subclass	Rabbit IgG (CH2 and CH3 domain of rabbit IgG)
Clonality	Monoclonal
Clone	CTK0211
RRID	AB_2889373
Immunogen	Purified recombinant Vimentin [human]
Conjugate	Unconjugated
Purification Method	Recombinantly expressed and purified by IMAC. <i>Note: Recombinant VHH-Fc fusion antibody carries a His-tag.</i>
Form	Buffered aqueous solution
Concentration	1000 µg/mL
Calculated MW	76.7 kDa
Tested Applications	IF
Positive Control	IF: MDCK cells
Cited Applications	
Recommended Dilutions	IF/ICC: 1:400 - 1:2,000
Storage Buffer	PBS, 10% glycerol Preservative: 0.02 % sodium azide, safety datasheet (SDS): sodium azide
Storage Conditions	Aliquot upon receipt and store at -20°C/-4°F. Avoid freeze-thaw cycles.
Stability	Stable for 1 year at -20°C/-4°F after shipment.
Shipment	Shipped on ice

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Size	20 µL; 100 µL
Synonyms	VHH, Nanobody, alpaca single domain antibody, binding domain of single domain antibody, Nano-antibody

Selected validation data

Immunofluorescence

Spin down material before use!

Dilute the antibody 1:400 - 1:2,000 in blocking buffer (e.g. PBS supplemented with 4% BSA) and incubate for 1 h at room temperature.



MDCK cells were immunostained with Vimentin recombinant antibody, VHH-rabbit IgG Fc fusion [CTK0211] (vfrb, 1:1,000) and Nano-Secondary® alpaca anti-human IgG/anti-rabbit IgG, recombinant VHH, Alexa Fluor® 647 [CTK0101, CTK0102] (srbAF647-1, 1:1,000). Scale bar, 10 µM.

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Product overview and related products

Vimentin toolbox	Product code
Vimentin-Chromobody [®] plasmid (TagGFP2)	vcg
Vimentin-Label ATTO 488	vba488-10; -100
Vimentin VHH, recombinant binding protein	vt-250
Vimentin recombinant antibody, VHH-mouse IgG1 Fc fusion [CTK0211]	vfms-20; -100
Vimentin recombinant antibody, VHH-rabbit IgG Fc fusion [CTK0211]	vfrb-20; -100
Nano-Secondary [®] alpaca anti-mouse IgG1, recombinant VHH, Alexa Fluor [®] 488 [CTK0103, CTK0104]	sms1AF488-1-10; -100
Nano-Secondary [®] alpaca anti-mouse IgG1, recombinant VHH, Alexa Fluor [®] 568 [CTK0103, CTK0104]	sms1AF568-1-10; -100
Nano-Secondary [®] alpaca anti-mouse IgG1, recombinant VHH, Alexa Fluor [®] 647 [CTK0103, CTK0104]	sms1AF647-1-10; -100
Nano-Secondary [®] alpaca anti-human IgG/anti-rabbit IgG, recombinant VHH, Alexa Fluor [®] 488 [CTK0101, CTK0102]	srbAF488-1-10; -100
Nano-Secondary [®] alpaca anti-human IgG/anti-rabbit IgG, recombinant VHH, Alexa Fluor [®] 568 [CTK0101, CTK0102]	srbAF568-1-10; -100
Nano-Secondary [®] alpaca anti-human IgG/anti-rabbit IgG, recombinant VHH, Alexa Fluor [®] 647 [CTK0101, CTK0102]	srbAF647-1-10; -100

For product details, information, and ordering visit www.chromotek.com and www.ptglab.com.

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Disclaimer

Only for research applications, not for diagnostic or therapeutic use!

The VHH-Fc fusion recombinant antibodies have been developed in collaboration with Absolute Antibody Ltd.

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