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Gene Synthesis



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MonoRab™ Rabbit Anti-Camelid VHH Antibody [HRP], mAb

Product Details	Citations Documents	
	Expand all	Collapse all
Overview -		
Synonyms	Rabbit Anti-Camelid Single-Domain-Antibody Monoclonal Secondary Antibody (Min X Ms, Rt, Rb, Ch, Gt, Hu)	
Description	A camelid single-domain antibody (sdAb, called Nanobody by Ablynx, the developer) is a peptide chain of about 110 amino acids long, comprising one variable domain of a heavy-chain antibody, these are called VHH fragments. Like a whole antibody, it is able to bind selectively to a specific antigen. Single-domain antibodies allow a broad range of applications in biotechnical as well as therapeutic uses due to their small size, simple production and high affinity. GenScript MonoRab™ Rabbit Anti-Camelid VHH Antibody [HRP], mAb is produced from a hybridoma resulting from the fusion of partner and B-lymphocytes obtained from a rabbit immunized with llama sdAb.	
Host Species	Rabbit	
Antigen Species	Llama	
Conjugation	Horseradish Peroxidase (HRP)	
Immunogen	Llama sdAb	
Purification	Protein A affinity column	

Properties -

Subclass	lgG	
Clone ID	96A3F5	
Concentration	0.5 mg/ml, supplied in PBS (pH 7.4), 10 mg/ml BSA, 0.01% thimerosal and 50% glycerol. (It could be customized for bulk order)	
Specificity	GenScript MonoRab™ Rabbit Anti-Camelid VHH Antibody [HRP], mAb is specific for Camelid sdAb (Llama and Camel). The monoclonal antibody has no cross-reactivity with mouse, rat, rabbit, chicken, goat or human immunoglobulins.	
Species Reactivity	Llama	
Storage	Store at -20°C. This product is stable for 1 year upon receipt, when handled and stored as instructed	

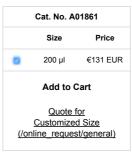
Applications -

Working concentrations for specific applications should be determined by the investigators. The appropriate concentrations may be affected by primary/secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

Western Blotting: 1:1,000-1:5,000 ELISA: 1:5.000-1:10.000 Other applications: user-optimized

Optimal working dilutions must be determined by the end user.

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Technical Resources

Product FAQ (/antibodytechnical-fag.html)

Product News (/antibody_news.html)

Product Publications (/reference_peerreviewed_literature.html?category=Catalog%

Product Documents (/product/documents)

Other Technical Support (/product-resourcescenter.html)

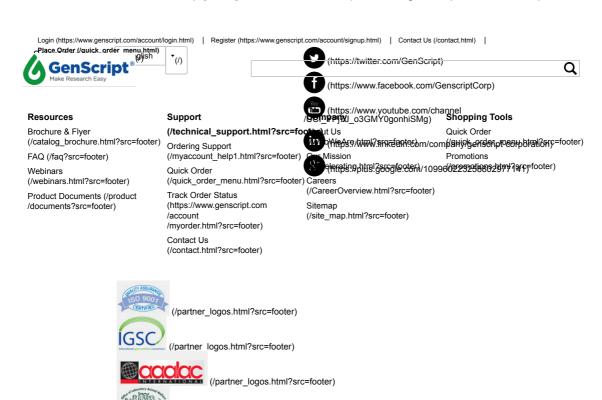
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13/12/2017 à 15:28 1 sur 2



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13/12/2017 à 15:28

2 sur 2