

Rev05
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DATASHEET

MonoRab™ Rabbit Anti-Camelid VHH Antibody [iFluor555], mAb

Cat. No.: A01863

Overview

Specificity	GenScript MonoRab™ Rabbit Anti-Camelid VHH Antibody [iFluor555], mAb is specific for Camelid VHH antibody (Alpaca, Llama and Camel). The monoclonal antibody has no cross-reactivity with mouse, rat, rabbit, chicken, goat or human immunoglobulins.
Host Species	Rabbit
Immunogen	Llama VHH antibody
Species Reactivity	Alpaca, Llama and Camel
Conjugate	iFluor 555

Applications

Working concentrations for specific applications should be determined by the investigators. The appropriate concentration may be affected by primary 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. Optimal working dilutions must be determined by the end user.

Application	Recommended Usage
Western Blot	1:1,000-1:5,000
ELISA	1:5,000-1:10,000
Flow Cytometry	1:500-1:2,000

Properties

Form	Liquid
Storage Buffer	supplied in PBS (pH 7.4), 10 mg/mL BSA, 0.02% sodium azide and 50% glycerol.
Concentration	0.5 mg/mL

Storage Instructions	Store at -20°C. This product is stable for 1 year upon receipt, when handled and stored as instructed
Purification	Protein A affinity column
Isotype	Rabbit IgG
Clonality	Monoclonal
Clone ID	96A3F5
Note	GenScript can customize this product per customer's request including product size, buffer components, etc.

Background

Target Background : A Camelid VHH Antibody (also called single-domain antibody, sdAb or Nanobody by Ablynx) is a peptide chain of about 110 amino acids long, comprising one variable domain of a heavy-chain antibody. 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 use due to their small size, simple production and high affinity.

Synonyms : Rabbit Anti-Camelid VHH Antibody Monoclonal Secondary Antibody (Min X Ms, Rt, Rb, Ch, Gt, Hu)

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.

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