Rev08
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DATASHEET

MonoRab™ Rabbit Anti-Camelid VHH Cocktail [iFluor 647]

Cat. No.: A02019

Overview

Specificity	GenScript MonoRab™ Rabbit Anti-Camelid VHH Cocktail [iFluor 647] is specific for Camelid VHH antibody (Llama, Alpaca and Camel). It has no cross-reactivity with mouse, rat, rabbit, goat or human immunoglobulins.
Host Species	Rabbit
Immunogen	Llama VHH antibody
Conjugate	iFluor 647

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.Optimal working dilutions must be determined by the end user.

Application	Recommended Usage
Flow Cytometry	1:500-1:2,000

Properties

Form	Liquid
Storage Buffer	Supplied in PBS (pH 7.4), containing 10 mg/ml BSA, 0.02% sodium azide and 50% glycerol.
Concentration	0.5 mg/ml
Storage Instructions	Store at -20°C and it should be protected from prolonged exposure to light. This product is stable for 1 year upon receipt, when handled and stored as instructed.
Purification	Protein A affinity column
Isotype	Rabbit IgG
Clonality	Cocktail

Note	GenScript can customize this product per customer's request including product size, buffer components, etc.

Background

Target Background : 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 Cocktail [iFluor 647] is iFluor 647 conjugated MonoRab™ Rabbit Anti-Camelid VHH Cocktail. The Cocktail is a unique secondary antibody, composed of several rabbit anti-Camelid VHH monoclonal antibodies.

Synonyms : iFluor 647 conjugated rabbit anti-camelid VHH, single-domain antibody monoclonal antibody cocktail (Min X Ms, Rt, Rb, Gt, Hu)

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