

## MonoRab™

### Rabbit Anti-Camelid VHH Antibody, mAb

**Abbreviated name-1: Rabbit Anti- Camelid Single-Domain-Antibody Monoclonal Secondary Antibody (Min X Ms, Rt, Rb, Ch, Gt, Hu)**

#### PRODUCT INFORMATION

##### 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 V<sub>H</sub>H 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, mAb** is produced from a hybridoma resulting from the fusion of partner and B-lymphocytes obtained from a rabbit immunized with llama sdAb.

##### Specificity

**GenScript MonoRab™ Rabbit Anti-Camelid VHH Antibody, 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.

##### Formulation

0.5 mg/ml, supplied in PBS (pH 7.4), 0.02% sodium azide and 50% glycerol. (It could be customized for bulk order)

##### Note

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

##### 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.

**Cat. No.:** A01860-200

**Host:** Rabbit

**Size:** 200 µl

**Ig Subclass:** IgG

**Clone:** 96A3F5

**Immunogen:** Llama sdAb

**Purification:** Protein A affinity column

**Conjugation:** Unconjugated

**Version:** 05/05/2017

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