

Rev06  
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## DATASHEET

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

Cat. No.: A01861

## Overview

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

## 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.

<b>Application</b>	<b>Recommended Usage</b>
Western Blot	1:1,000-1:5,000
ELISA	1:5,000-1:10,000

## Properties

<b>Form</b>	Liquid
<b>Storage Buffer</b>	supplied in PBS (pH 7.4), 10 mg/mL BSA, 0.01% thimerosal and 50% glycerol.
<b>Concentration</b>	0.5 mg/mL
<b>Storage Instructions</b>	Store at -20°C. This product is stable for 1 year upon receipt, when handled and stored as instructed

<b>Purification</b>	Protein A affinity column
<b>Isotype</b>	Rabbit IgG
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	96A3F5

## 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, 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.

**Synonyms :** Rabbit Anti-Camelid Single-Domain-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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