

Rev07
Update: Aug,20,2025**DATASHEET**

Anti-Palivizumab Antibody, pAb, Rabbit

Cat. No.: A02064

Overview

Specificity	The product is specific for Palivizumab.
Host Species	Rabbit
Immunogen	Palivizumab
Conjugate	Unconjugated

Applications

Working concentrations for specific applications should be determined by the investigators. The appropriate concentrations may be affected by 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.

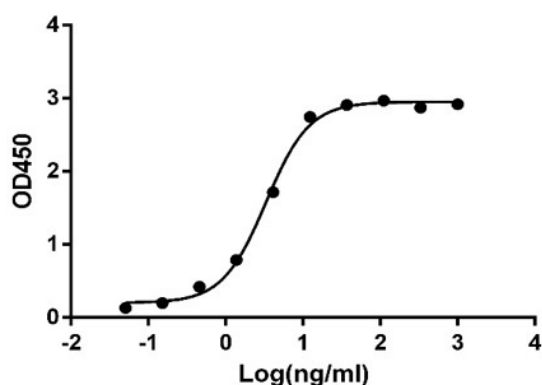
Application	Recommended Usage
ELISA	0.05-1 µg/ml

Properties

Form	Lyophilized
Storage Buffer	Lyophilized with PBS, pH 7.4, containing 0.02% sodium azide.
Reconstitution	Reconstitute the lyophilized powder with deionized water (or equivalent) to a final concentration of 0.5 mg/ml.
Storage Instructions	The lyophilized product remains stable for 1 year at -20°C from the date of receipt. Upon reconstitution, it can be stored for 2-3 weeks at 2-8°C or for 12 months at -20°C or below. Avoid repeated freezing and thawing cycles.
Purification	Antigen affinity purification
Isotype	Rabbit IgG
Clonality	Polyclonal
Note	GenScript can customize this product per customer's request including product size, buffer components, etc.

Examples

Anti-Palivizumab Antibody, pAb, Rabbit binds with Palivizumab



ELISA binding of Anti-Palivizumab Antibody, pAb, Rabbit (GenScript, A02064) with Palivizumab.

Coating antigen: Palivizumab, 1 µg/ml.

Anti-Palivizumab Antibody, pAb, Rabbit (GenScript, A02064) dilution start from 1,000 ng/ml.

EC50= 3.324 ng/ml.

Background

Target Background : Palivizumab with trade name Synagis, is an FDA-approved drug for the prevention of respiratory syncytial virus (RSV) infections. It is a recombinant humanized IgG1 kappa isotype monoclonal antibody. Palivizumab binds the RSV envelope fusion protein (RSV F) on the surface of the virus and blocking a critical step in the membrane fusion process. GenScript Anti-Palivizumab Antibody, pAb, Rabbit is produced from sera of a rabbit immunized with Palivizumab.

Synonyms : Rabbit polyclonal to Synagis

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

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