

Product datasheet

Rat Retn/Resistin Antibody Pair - BSA and Azide free ab253618

Recombinant RabMAb

2 Images

Overview

Product name	Rat Retn/Resistin Antibody Pair - BSA and Azide free
Assay type	ELISA set
Range	31.25 pg/ml - 2000 pg/ml
Species reactivity	Reacts with: Rat
Product overview	Rat Retn Antibody Pair is a matched pair of unconjugated recombinant rabbit monoclonal capture and detection antibodies used to quantify Rat Retn in sandwich ELISAs and many other pair-based applications.
Notes	<p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>The pair can be used in variety of assays and platforms including but not limited to:</p> <ul style="list-style-type: none">Sandwich ELISAFRET/TR-FRET/HTRFMeso Scale Discovery[®] (MSD[®])Bead-based assaysAlphaLISA[®]/AlphaScreen[®]DELFI[®] immunoassaysSimoa[®] and Single Molecule Counting (SMC[™]) immunoassaysMultiplex <p>Our antibody pairs are supplied in a carrier-free format that is conjugation-ready. Buffer free of BSA, sodium azide, and glycerol for higher conjugation efficiency. Concentration of ~1 mg/ml as measured by the protein A280 method. Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>We can label antibodies for you: get in touch today to discuss how we can help accelerate your assay development with custom conjugation services.</p> <p>Pairs are screened in biological samples, including plasma and serum, to ensure specificity in complex samples.</p> <p>Please note:</p>

The recommended antibody orientation is based on internal optimization in sandwich ELISA. Antibody orientation is assay dependent and needs to be optimized for each assay type.

The range provided for this antibody pair is based on initial sandwich ELISA validation data using recombinant protein. Performance and range of the antibody pair will depend on the specific characteristics of your assay, including standard protein selection.

We guarantee the product works in sandwich ELISA, but we do not guarantee the sensitivity or dynamic range of the antibodies in other assays.

Antibody properties:

Capture antibody: recombinant rabbit monoclonal (unconjugated) – 100 µg

Detector antibody: recombinant rabbit monoclonal (unconjugated) - 100 µg

Concentration: ~1 mg/ml

Storage buffer: 100% PBS

Form: Liquid

Isotype: IgG

Recombinant monoclonal antibodies offer several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information [see here](#).

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Tested applications

Suitable for: Sandwich ELISA

Platform

Reagents

Properties

Storage instructions

Store at +4°C. Please refer to protocols.

Carrier free

Yes

Components	10 x 96 tests
Rat Retn/Resistin Capture Antibody (unconjugated)	1 x 100µg
Rat Retn/Resistin Detector Antibody (unconjugated)	1 x 100µg

Function

Hormone that seems to suppress insulin ability to stimulate glucose uptake into adipose cells. Potentially links obesity to diabetes.

Tissue specificity

Expressed only in fatty tissues.

Sequence similarities

Belongs to the resistin/FIZZ family.

Applications

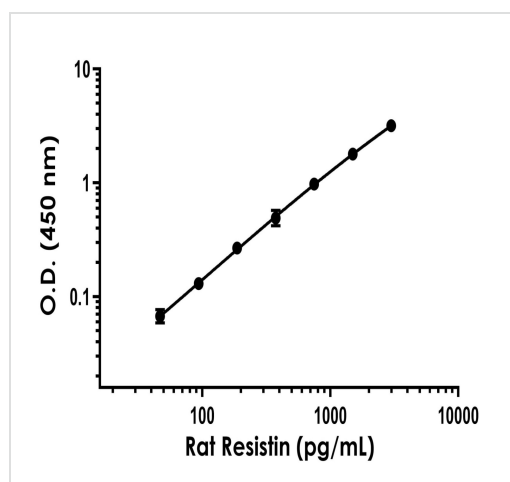
The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab253618 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Sandwich ELISA		Use at an assay dependent concentration.

Images



Example of Rat Resistin standard curve. Background-subtracted data values (mean +/- SD) are graphed.

Sandwich ELISA - Rat Retn/Resistin Antibody Pair - BSA and Azide free (ab253618)

Powered by recombinant antibodies

Research with confidence
Consistent and reproducible results

Long-term and scalable supply
Recombinant technology

Success from the first experiment
Confirmed specificity

Ethical standards compliant
Animal-free production

Sandwich ELISA - Antibody Pair - BSA and Azide Free (ab253618)

To learn more about the advantages of recombinant antibodies see [here](#).

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- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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