

Product datasheet

Mouse sTNF RI Antibody Pair - BSA and Azide free ab241708

Recombinant RabMAb

[3 Images](#)

Overview

Product name Mouse sTNF RI Antibody Pair - BSA and Azide free

Assay type ELISA set

Range 1.95 pg/ml - 125 pg/ml

Species reactivity **Reacts with:** Mouse

Product overview The Antibody Pair can be used to quantify Mouse sTNF RI. BSA and Azide free antibody pairs include unconjugated capture and detector antibodies suitable for sandwich ELISAs. The antibodies are provided at an approximate concentration of 1 mg/ml as measured by the protein A280 method. The recommended antibody orientation is based on internal optimization for ELISA-based assays. Antibody orientation is assay dependent and needs to be optimized for each assay type. Both capture and detector antibodies are rabbit monoclonal antibodies delivering consistent, specific, and sensitive results.

For additional information on the performance of the antibody pair, see the equivalent SimpleStep ELISA® Kit ([ab202408](#)), which uses the same antibodies. However, due to differences in their formulation, this antibody pair cannot be used with the consumables provided with our SimpleStep ELISA Kits. Please note that the range provided for the pairs is only an estimation based on the performance of the related product using the same antibody pair. Performance of the antibody pair will depend on the specific characteristics of your assay. We guarantee the product works in sandwich ELISA, but we do not guarantee the sensitivity or dynamic range of the antibody pair in your assay.

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
Mouse sTNF RI Capture Antibody (unconjugated)	1 x 100µg
Mouse sTNF RI Detector Antibody (unconjugated)	1 x 100µg

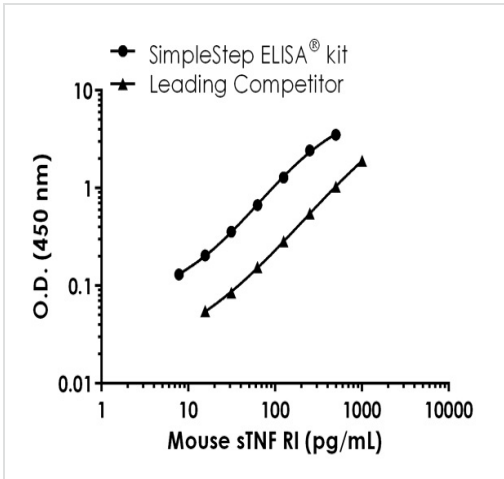
Function	Receptor for TNFSF2/TNF-alpha and homotrimeric TNFSF1/lymphotoxin-alpha. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. Contributes to the induction of non-cytocidal TNF effects including anti-viral state and activation of the acid sphingomyelinase.
Involvement in disease	Familial hibernian fever Multiple sclerosis 5
Sequence similarities	Contains 1 death domain. Contains 4 TNFR-Cys repeats.
Domain	The domain that induces A-SMASE is probably identical to the death domain. The N-SMASE activation domain (NSD) is both necessary and sufficient for activation of N-SMASE. Both the cytoplasmic membrane-proximal region and the C-terminal region containing the death domain are involved in the interaction with TRPC4AP.
Post-translational modifications	The soluble form is produced from the membrane form by proteolytic processing.
Cellular localization	Cell membrane. Golgi apparatus membrane. Secreted. A secreted form is produced through proteolytic processing and Secreted. Lacks a Golgi-retention motif, is not membrane bound and therefore is secreted.

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab241708 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

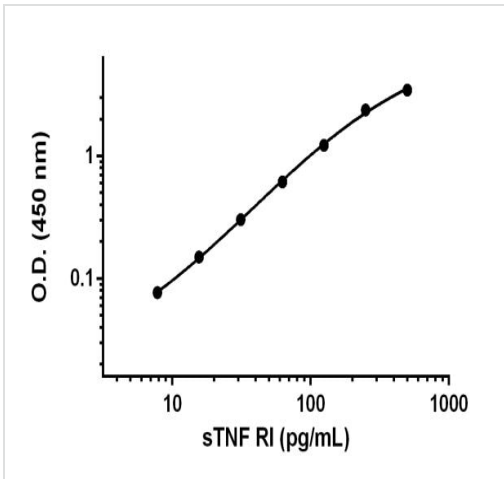
Application	Abreviews	Notes
Sandwich ELISA		Use at an assay dependent concentration.

Images



Sandwich ELISA - Mouse sTNF RI Antibody Pair - BSA and Azide free (ab241708)

Representative standard curve from corresponding SimpleStep ELISA® Kit ([ab202408](#)), which uses the same antibody pair. For additional information on the performance of pair and kit, refer to the corresponding kit datasheet. Due to differences in the formulation and format of the antibodies in this pair, they cannot be used as substitutes for the antibody components in our SimpleStep ELISA® Kits.



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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 - Mouse sTNF RI Antibody Pair -
BSA and Azide free (ab241708)

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

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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