

Product datasheet

Human CYR61 Antibody Pair - BSA and Azide free
ab244159

Recombinant RabMAb

1 Image

Overview

Product name	Human CYR61 Antibody Pair - BSA and Azide free
Assay type	ELISA set
Range	31.3 pg/ml - 3000 pg/ml
Species reactivity	Reacts with: Human
Product overview	<p>The Antibody Pair can be used to quantify Human CYR61. 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.</p> <p>For additional information on the performance of the antibody pair, see the equivalent SimpleStep ELISA® Kit (ab238267), 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.</p> <p>Download SDS here.</p>
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
Human CYR61 Capture Antibody (unconjugated)	1 x 100µg
Human CYR61 Detector Antibody (unconjugated)	1 x 100µg

Relevance CYR61 is a secreted, cysteine rich, heparin binding protein encoded by a growth factor inducible immediate early gene. It promotes cell proliferation, chemotaxis, angiogenesis and cell adhesion, and appears to play a role in wound healing by up regulating, in skin fibroblasts, the expression of a number of genes involved in angiogenesis, inflammation and matrix remodeling including VEGFA, VEGFC, MMP1, MMP3, TIMP1, uPA, PAI 1 and integrins alpha 3 and alpha 5. Cyr61 mediated gene regulation is dependent on heparin binding. CYR61 down regulates the expression of alpha 1 and alpha 2 subunits of collagen type 1. It promotes cell adhesion and adhesive signaling through integrin alpha 6/beta 1, cell migration through integrin alpha v/beta 5 and cell proliferation through integrin alpha v/beta 3.

Cellular localization Secreted

Applications

Our [Abpromise guarantee](#) covers the use of **ab244159** 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

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 - Human CYR61 Antibody Pair -
BSA and Azide free (ab244159)

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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