

DSCAM Antibody Pair - BSA and Azide free ab270380

Recombinant RabMAb

2 Images

Overview

Product name	DSCAM Antibody Pair - BSA and Azide free
Assay type	ELISA set
Range	203.125 pg/ml - 13000 pg/ml
Species reactivity	Reacts with: Mouse, Rat, Human
Product overview	<p>The Antibody Pair can be used to quantify DSCAM. 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 (ab269543), 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
DSCAM Capture Antibody (unconjugated)	1 x 100µg
DSCAM Detector Antibody (unconjugated)	1 x 100µg

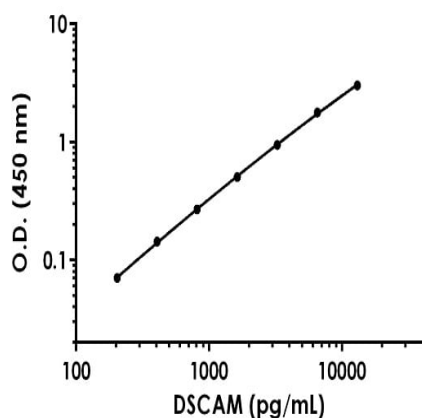
Function	Cell adhesion molecule that plays a role in neuronal self-avoidance. Promotes repulsion between specific neuronal processes of either the same cell or the same subtype of cells. Mediates within retinal amacrine and ganglion cell subtypes both isoneuronal self-avoidance for creating an orderly dendritic arborization and heteroneuronal self-avoidance to maintain the mosaic spacing between amacrine and ganglion cell bodies. Receptor for netrin required for axon guidance independently of and in collaboration with the receptor DCC. In spinal chord development plays a role in guiding commissural axons projection and pathfinding across the ventral midline to reach the floor plate upon ligand binding. Enhances netrin-induced phosphorylation of PAK1 and FYN. Mediates intracellular signaling by stimulating the activation of MAPK8 and MAP kinase p38.
Tissue specificity	Primarily expressed in brain.
Sequence similarities	Contains 6 fibronectin type-III domains. Contains 10 Ig-like C2-type (immunoglobulin-like) domains.
Domain	Ig-like C2-type domains 7 to 9 are sufficient for interaction with NTN1 and commissural axon outgrowth. The transmembrane domain is necessary for interaction with DCC.
Post-translational modifications	Phosphorylated at tyrosine residues. Phosphorylation is enhanced by netrin.
Cellular localization	Secreted and Cell membrane. Localized in the soma, cell membrane, axon and growth cone of dissociated commissural axons.

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab270380 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 - DSCAM Antibody Pair - BSA and Azide free (ab270380)

Representative standard curve from corresponding SimpleStep ELISA® Kit ([ab269543](#)), 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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recombinant antibodies



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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 - DSCAM Antibody Pair - BSA and Azide free (ab270380)

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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