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Datasheet for ABIN2808823

anti-NCAM2 antibody (AA 51-150) (Alexa Fluor 594)

Overview

Quantity:	100 µL
Target:	NCAM2
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCAM2 antibody is conjugated to Alexa Fluor 594
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NCAM2
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	NCAM2
Alternative Name:	NCAM2 (NCAM2 Products)
Background:	Synonyms: N CAM 2, N CAM 21, N CAM2, N CAM21, N-CAM-2, NCAM 2, NCAM 21, NCAM-2,

Target Details

Ncam2, NCAM2_HUMAN, NCAM21, Neural cell adhesion molecule 2, OCAM GPI, R4B12, RB 8 neural cell adhesion molecule, RB8 neural cell adhesion molecule, RNCAM.

Background: NCAM2 is an 837 amino acid protein encoded by the human gene NCAM2.

NCAM2 contains five immunoglobulin-like domains, two Fibronectin type III domains, a transmembrane domain and a cytoplasmic domain. The gene is expressed most strongly in human adult and fetal brain. NCAM2 is a member of the neural cell adhesion molecule (NCAM) family. NCAMs are closely related cell surface glycoproteins involved in cell to cell interactions during growth and are thought to play an important role in embryogenesis and development. NCAM2 is a considered a good candidate for involvement in certain Down syndrome phenotypes because a slight overexpression of NCAMs increases many-fold the homotypic adhesion properties of cells. Stat5 regulates NCAM2 in vivo by binding to the NCAM2 intron in the NKL natural killer cell line, this binding is induced by cytokines that activate Stat5. Neither Stat1 nor Stat3 bind to this region, despite sharing a consensus binding sequence with Stat5.

Application Details

Application Notes:	FCM 1:20-100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months