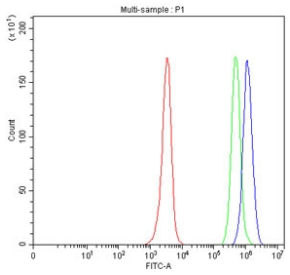
SLAIN1 Antibody / SLAIN motif-containing protein 1 (RQ8822)

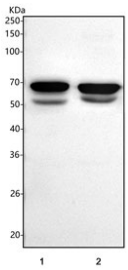
Catalog No.	Formulation	Size
RQ8822	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q8ND83
Localization	Cytoplasm
Applications	Western blot: 1-2ug/ml Flow cytometry: 1-3ug/million cells ELISA: 0.1-0.5ug/ml
Limitations	This SLAIN1 antibody is available for research use only.



Flow cytometry testing of fixed and permeabilized human JK cells with SLAIN1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= SLAIN1 antibody.



Western blot testing of 1) rat brain and 2) mouse brain tissue lysate with SLAIN1 antibody. Predicted molecular weight: 21-61 kDa (multiple isoforms).

Description

SLAIN1 is a novel stem cell protein that was identified by transciptional profiling of mouse and human embryonic stem cells (ESCs) and is expressed at the stem cell and epiblast stages. Unlike its more widely expressed homolog SLAIN2, SLAIN1 was found to be expressed in the epiblast, nervous system, tailbud and somites of the developing mouse embryo later experiments suggested that SLAIN1 may play a role in the development of the nervous system as well as in the morphogenesis of several embryonic structures.

Application Notes

Optimal dilution of the SLAIN1 antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids E200-Y568) was used as the immunogen for the SLAIN1 antibody.

Storage

After reconstitution, the SLAIN1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
Copyright © NSJ Bioreagents. All rights reserved.