

# CoraLite® Plus 488-conjugated SRPX2 Monoclonal antibody

Catalog Number: CL488-66266

Featured Product

## Basic Information

**Catalog Number:**

CL488-66266

**Size:**

1000 µg/ml

**Source:**

Mouse

**Isotype:**

IgG2b

**Immunogen Catalog Number:**

AG8084

**GenBank Accession Number:**

BC020733

**GeneID (NCBI):**

27286

**UNIPROT ID:**

O60687

**Full Name:**

sushi-repeat-containing protein, X-linked 2

**Calculated MW:**

465 aa, 53 kDa

**Observed MW:**

53 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

2A1D7

**Recommended Dilutions:**

IF/ICC 1:50-1:500

**Excitation/Emission maxima wavelengths:**

493 nm / 522 nm

## Applications

**Tested Applications:**

IF/ICC

**Species Specificity:**

human, pig, mouse

**Positive Controls:**

IF/ICC : A549 cells,

## Background Information

SRPX2 (sushi-repeat-containing protein, X-linked 2) is a secreted protein expressed in neurons of the human adult brain, including the rolandic area (PMID: 20874700). Firstly described as sushi-repeat protein up-regulated in leukemia (SPRUL) in leukemia cells with dysregulated expression at the transcriptional level, SRPX2 has been recently shown as a multifunctional protein. SRPX2 is a ligand for uPAR, the urokinase-type plasminogen activator (uPA) receptor (PMID: 18718938). It is involved in seizure disorders, angiogenesis and cellular adhesion (PMID: 22242148; 19667118; 16497722). The involvement of SRPX2 in disorders of language cortex suggests it has an important role in the perisylvian region critical for language and cognitive development (PMID: 16497722).

## Storage

**Storage:**

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

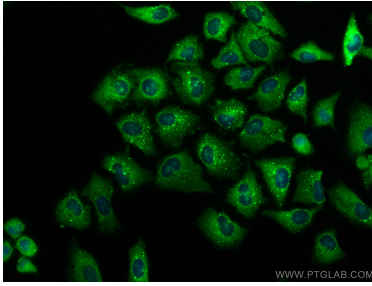
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using CoraLite® Plus 488 SRPX2 antibody (CL488-66266, Clone: 2A1D7 ) at dilution of 1:200.