

IGSF11 Antibody FITC Conjugated

Catalog No: #C07802F

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Description

Product Name	IGSF11 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	ICC IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human IGSF11
Conjugates	FITC
Target Name	IGSF11
Other Names	brain and testis specic immunoglobulin superfamily protein; BTIGSF; CXADR like 1; CXADRL1; Igsf13; immunoglobulin superfamily member 11; Immunoglobulin superfamily member 11 precursor; MGC35227; V set and immunoglobulin domain containing 3; V set and immunoglobulin domain containing protein 3; VSIG3;
Accession No.	NCBI Gene ID152404
Uniprot	Q5DX21
GeneID	152404;
Excitation Emission	494nm 518nm
Cell Localization	Extracellular
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

ICC=1:50-200 IF=1:50-200

Background

IGSF11 is also known as BTIGSF (brain and testis-specific immunoglobulin superfamily protein) or VSIG3 (V-set and immunoglobulin domain-containing protein 3) and is a 431 amino acid protein that is expressed as three isoforms. IGSF11 is highly expressed in testis and ovary and is also expressed in brain, kidney and skeletal muscle, localized to the cellular membrane as a single-pass membrane protein. IGSF11 is an immunoglobulin with V-type and C2-type domains that function in molecular recognition. When IGSF11 is in the trans position, it plays an important role in cell-cell adhesion via both homophilic and heterophilic interactions with other molecules. These cell-cell interactions are also thought to be important for neuronal cell interactions, such as neuron-neuron or neuron-glia interactions, which are important for the development and function of the central nervous system. In addition, IGSF11 might also be involved in interactions between Sertoli cells and spermatocytes, which are important associations during spermatogenesis. The IGSF11 gene is commonly upregulated in gastric cancer and IGSF11 is highly expressed in many types of human tumors, indicating that it may be useful as a target for immunotherapy.

Note: This product is for in vitro research use only