

Datasheet for ABIN1434936

anti-IGSF11 antibody (PE-Cy7)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	IGSF11
Reactivity:	Human, Mouse, Rat, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IGSF11 antibody is conjugated to PE-Cy7
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human IGSF11
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	IGSF11
Alternative Name:	IGSF11 (IGSF11 Products)
Background:	Synonyms: 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, IGS11_HUMAN.

Target Details

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.

Molecular Weight: 46kDa

Gene ID: 152404

Application Details

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: Sodium azide

Precaution of Use: This product contains sodium azide: 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