

Datasheet for ABIN1434911 **anti-IGSF3 antibody (PE-Cy7)**



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Overview

Quantity:	100 µL
Target:	IGSF3
Reactivity:	Human, Mouse, Rat, Cow, Dog, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IGSF3 antibody is conjugated to PE-Cy7
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human IGSF3
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	IGSF3
Alternative Name:	IGSF3 (IGSF3 Products)
Background:	Synonyms: EWI 3, EWI3, Glu Trp Ile EWI mot containing protein 3, Immunoglobulin superfamily member 3, Immunoglobulin superfamily member 3, KIAA0466, MGC117164, V8 antibody, IGSF3_HUMAN. Background: IGSF3, also known as V8 or EWI-3, is a 1,214 amino acid protein. Widely expressed

Target Details

with predominant expression in kidney, placenta and lung, IGSF3 localizes to the membrane and contains an N-terminal signal peptide, eight immunoglobulin (Ig) domains and a transmembrane segment. IGSF3 exhibits strong sequence and structural similarity to CD101 (32 % identity), a leukocyte surface protein with seven Ig domains that is believed to play a role in T-cell activation. Despite the structural similarities between IGSF3 and CD101, IGSF3 is not expressed in peripheral blood lymphocytes and does not appear to participate in an immune function. Based on its subcellular localization and the presence of the eight Ig domains, IGSF3 is hypothesized to function as a surface receptor or as a cell adhesion molecule.

Molecular Weight:	135kDa
Gene ID:	3321
UniProt:	O75054

Application Details

Application Notes:	FCM(1:100-500) Optimal working dilution should be determined by the investigator.
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