

Anti-IGSF3 Antibody (9H800)

Product Details

Ig Type:	Mouse IgG2a
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	9H800
Purification:	Protein A

Applications

Verified Activity:	1. Immunochemical staining of human IGSF3 in human placenta with mouse monoclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.
	2. Immunochemical staining of human IGSF3 in human kidney with mouse monoclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.
	3. Flow cytometric analysis of Human IGSF3 expression on A549 cells. Cells were stained with purified anti-Human IGSF3, then a FITC-conjugated second step antibody. The histogram were derived from gated events with the forward and side light-scatter characteristics of intact cells.
Application:	FCM,IHC-P
Recommended	IHC-P: 1:50-1:200; FCM: 1:25-1:100

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human IGSF3 protein (TMPY-02243)
Antigen Species:	Human
Synonyms:	V8;LCDD;EWI-3;immunoglobulin superfamily, member 3

Research Background

Immunoglobulin superfamily member 3 (IGSF3), also known as Glu-Trp-Ile EWI motif-containing protein 3, IGSF3 and EWI-3 and IGSF3, is a single-pass type I membrane protein that belongs to the EWI subfamily of the Ig superfamily of molecules. IGSF3 has an overall structural similarity and strong sequence similarity to V7, a human leukocyte surface protein. IGSF3 contains eight Ig-like C2-type (immunoglobulin-like) domains. IGSF3 is expressed in a wide range of tissues with high expression in the placenta, kidney, and lung. EWI-2 is part of a novel Ig subfamily that includes EWI-F (F2alpha receptor regulatory protein (FPRP), CD9P-1), EWI-3 (IGSF3), and EWI-101 (CD101). All four members of this Ig subfamily contain a Glu-Trp-Ile (EWI) motif not seen in other Ig proteins. Human IGSF3 shares 92 % aa identity with mouse IGSF3.

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