

DESCRIPTION

Species Reactivity	Human/Mouse/Rat
Specificity	Detects mouse IGSF8/CD316 in direct ELISAs. Detects human, mouse, and rat IGSF8/CD316 in Western blots. In direct ELISAs, approximately 15% cross-reactivity with recombinant human IGSF8 is observed and less than 1% cross-reactivity with recombinant mouse IGSF8/CD316 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse IGSF8/CD316 Ala25-Thr577 Accession # NP_536344
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.	

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

CyTOF-ready	Optimal dilution of this antibody should be experimentally determined.
Western Blot	Optimal dilution of this antibody should be experimentally determined.
Flow Cytometry	Optimal dilution of this antibody should be experimentally determined.
Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

IGSF8, also known as PGRL (PG Regulatory-Like Protein), KASP (KAI/CD82 Associated Protein) and EWI-2 (Glu-Trp-Ile motif 2), is a widely expressed transmembrane adhesion protein. It interacts with β 1 Integrins and various tetraspanins including CD9, CD81 and CD82. IGSF8 contains four extracellular Ig-like domains. IGSF8 over-expression in transformed cells inhibits cell migration and suppresses cancer metastatic potential. Mouse and human IGSF8 share 90% amino acid sequence identity.

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