Human IGDCC3
Alexa Fluor® 647-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 920038

Catalog Number: FAB8559R

25 Tests

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human IGDCC3 in direct ELISAs.
Source	Monoclonal Mouse IgG_1 Clone # 920038
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Human embryonic kidney cell line HEK293-derived recombinant human IGDCC3 Leu36-Gly640 Accession # Q8IVU1
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *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.

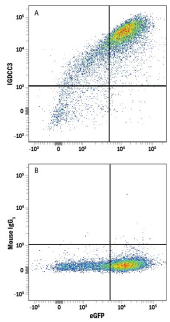
APPLICATIONS

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.*

	Recommended Concentration	Sample
Flow Cytometry	5 µL/10^6 cells	See Below

DATA

Flow Cytometry



Detection of IGDCC3 in HEK293 Human Cell Line Transfected with Human IGDCC3 and eGFP by Flow Cytometry. HEK293 human embryonic kidney cell line transfected with human IGDCC3 and eGFP was stained with either (A) Mouse Anti-Human IGDCC3 Alexa Fluor® 647-conjugated Monoclonal Antibody (Catalog # FAB8559R) or (B) Mouse IgG_1 Alexa Fluor 647 Isotype Control (Catalog # IC002R). View our protocol for Staining Membrane-associated Proteins.

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

IGDCC3 (Immunoglobulin superfamily DCC subclass member 3), also known as Punc, is 814 aa single-pass type I transmembrane protein that shares 91% aa sequence identity with mouse IGDCC3 in the extracellular domain. It is a member of the neural cell adhesion molecule family and contains two fibronectin type III repeats and four immunoglobulin-like domains. IDGCC3 is high expressed in the brain, and has been suggested to play a role in motor coordination. It has also been suggested to play a role in breast cancer.

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