

DESCRIPTION

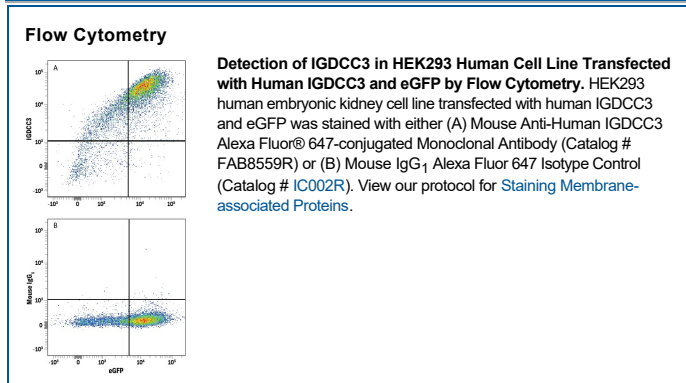
Species Reactivity	Human
Specificity	Detects human IGDC3 in direct ELISAs.
Source	Monoclonal Mouse IgG ₁ Clone # 920038
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Human embryonic kidney cell line HEK293-derived recombinant human IGDC3 Leu36-Gly640 Accession # Q8IVU1
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and 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.

	Recommended Concentration	Sample
Flow Cytometry	0.25-1 µg/10 ⁶ cells	See Below

DATA



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. <ul style="list-style-type: none"> 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

IGDC3 (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 IGDC3 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. IGDC3 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.

PRODUCT SPECIFIC NOTICES

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Human IGDCC3
Alexa Fluor® 647-conjugated Antibody

Monoclonal Mouse IgG₁ Clone # 920038

Catalog Number: FAB8559R

100 µg
