

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Nope/IGDCC4 in direct ELISAs.
Source	Recombinant Monoclonal Rabbit IgG Clone # 2516A
Purification	Protein A or G purified from cell culture supernatant
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant human Nope/IGDCC4 Met1-Thr957 Accession # Q8TDY8
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 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	HEK293 Human Cell Line Transfected with Human Nope and eGFP and A549 Human Cell Line

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

IGDCC4/Nope is a type I transmembrane protein that belongs to the immunoglobulin superfamily. It is expressed mostly in embryonic muscle tissues and in developing and adult nervous systems. The structural similarities between IGDCC4 and the guidance receptor of the DCC family suggest that IGDCC4 may have similar functions as the DCC family.

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