

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human human DPCR-1. Stains human DPCR-1-transfected cells but not irrelevant transfectants.
Source	Monoclonal Mouse IgG _{2A} Clone # 213201
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	NS0 mouse myeloma cell line transfected with human DPCR-1 Met1-Arg235 Accession # AAH69477
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
Formulation	Supplied 0.2 mg/mL 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	0.25-1 µg/10 ⁶ cells	Human DPCR-1 transfected cells

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

DPCR-1 is encoded by a gene that maps to the chromosomal diffuse panbronchiolitis critical region. DPCR-1 is associated with susceptibility to this bronchiolar disease. It has homology with the mucin-like domain of zonadhesin. DPCR-1 is predominantly expressed in lung, kidney, and testis.

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