

# **Human Lgr6 PE-conjugated Antibody**

Monoclonal Mouse IgG<sub>2A</sub> Clone # 918726 Catalog Number: FAB84581P

100 Tests

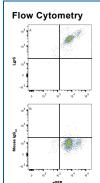
DESCRIPTION			
Species Reactivity	Human		
Specificity	Detects human Lgr6 in direct ELISAs.		
Source	Monoclonal Mouse IgG <sub>2A</sub> Clone # 918726		
Purification	Protein A or G purified from hybridoma culture supernatant		
Immunogen	NS0 mouse myeloma cell line transfected with human Lgr6 Met1-Val967 Accession # Q9HBX8		
Conjugate	Phycoerythrin Excitation Wavelength: 488 nm Emission Wavelength: 565-605 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	10 μL/10 <sup>6</sup> cells	See Below

#### DATA



Detection of Lgr6 in HEK293 Human Cell Line Transfected with Human Lgr6 and eGFP by Flow Cytometry. HEK293 human embryonic kidney cell line transfected with human Lgr6 and eGFP was stained with either (A) Mouse Anti-Human Lgr6 PE-conjugated Monoclonal Antibody (Catalog # FAB84581P) or (B) Mouse IgG2A Isotype Control (Catalog # IC003P). Staining was performed using our Staining Membrane-Associated Proteins protocol.

## 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

Lgr6 is a glycoprotein hormone receptor phosphorylated upon DNA damage, probably by ATM or ATR. It is a member of the leucine-rich repeat-containing subgroup of the G protein-coupled 7-transmembrane protein superfamily. Lgr6 is a high affinity receptor for R-Spondins 1-3 and potentially functions as a tumor suppressor despite its positive effect on Wnt/ beta -Catenin signaling.

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