Human PSGR Alexa Fluor® 700-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 1033009

Catalog Number: FAB10669N

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human PSGR in direct ELISAs.
Source	Monoclonal Mouse IgG_1 Clone # 1033009
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Human PSGR synthetic peptide Accession # Q9H255
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% 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.*

Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

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

PSGR (OR51E2) is an olfactory receptor and part of a large family of GPCR's arising from single coding-exon genes. Odorant receptors represent the largest GPCR family in the human genome and are found to be ectopically expressed in non-sensory tissues mediating a variety of cellular functions. OR51E2 is well-characterized in prostate cancer and epidermal pigment cells and expressed in the cytosol and in the plasma membrane. OR51E2 is involved in the regulation of RPE cell growth and is a potential target for the treatment of proliferative disorders.

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