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Datasheet for ABIN7255203 anti-Mesothelin antibody

3 Images



Overview

Quantity:	200 µL
Target:	Mesothelin (MSLN)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Mesothelin antibody is un-conjugated
Application:	Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human GPER1 (NP_001496.1).
lsotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	Mesothelin (MSLN)
Alternative Name:	GPER1 (MSLN Products)
Background:	This gene is a member of the G-protein coupled receptor 1 family and encodes a multi-pass membrane protein that localizes to the endoplasmic reticulum. The protein binds estrogen,
	resulting in intracellular calcium mobilization and synthesis of phosphatidylinositol 3,4,5-
	trisphosphate in the nucleus. This protein therefore plays a role in the rapid nongenomic

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	signaling events widely observed following stimulation of cells and tissues with estrogen. Alternate transcriptional splice variants which encode the same protein have been characterized.
Gene ID:	2852
UniProt:	Q99527
Pathways:	EGFR Signaling Pathway, Positive Regulation of Peptide Hormone Secretion, Intracellular Steroid Hormone Receptor Signaling Pathway, Steroid Hormone Mediated Signaling Pathway, Carbohydrate Homeostasis, cAMP Metabolic Process, Regulation of G-Protein Coupled Receptor Protein Signaling, Positive Regulation of Endopeptidase Activity, Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	IF 1:50-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.







Immunofluorescence

Image 1. Immunofluorescence analysis of U2OS cells using GPER1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Immunofluorescence

Image 2. Immunofluorescence analysis of C6 cells using GPER1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Immunofluorescence

Image 3. Immunofluorescence analysis of NIH/3T3 cells using GPER1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

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