Datasheet for ABIN768632

anti-Smgc antibody (Internal Region)

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Overview

Quantity:	100 µg
Target:	Smgc (SMGC)
Binding Specificity:	Internal Region
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Application:	ELISA, Immunocytochemistry (ICC)

Product Details

Purpose:	Muc19 / Smgc
Immunogen:	Peptide with sequence C-KLEPKYENPTNGS, from the internal region of the protein sequence according to NP_945121.1.
Sequence:	KLEPKYENPT NGS
Isotype:	IgG
Cross-Reactivity:	Mouse
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

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Target Details

Target:	Smgc (SMGC)
Alternative Name:	Smgc (SMGC Products)
Background:	Smgc, submandibular gland protein C, 2310010P21Rik, DXImx49e, Muc19, Sfc21, OTTMUSP00000022832, neonatal submandibular gland protein C
Molecular Weight:	65kDa and 70kDa
Gene ID:	223809
NCBI Accession:	NP_945121

Application Details

Application Notes:	Western Blot: Preliminary experiments gave bands at approx 65 kDa and 70 kDa in Mouse fetal Lung lysates after 1 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculat Peptide ELISA: antibody detection limit dilution 1:16000.
Comment:	**Immunocytochemistry:** Positive staining of select epithelial cells in the murine Submanibular gland at E18. Recommended concentration 4ug/ml. Data provided by Everest Grant winner Melinda Larsen, State University of New York, Albany, NY.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

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