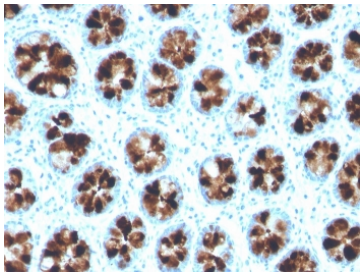
ITLN1 Antibody / Intelectin 1 [clone ITLN1/4064] (V8685)

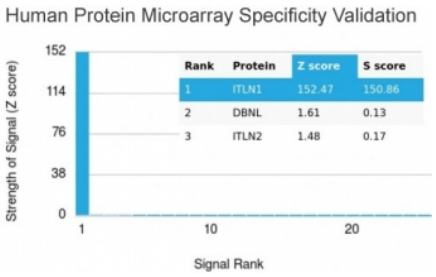
Catalog No.	Formulation	Size
V8685-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8685-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8685SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	ITLN1/4064
Purity	Protein G affinity chromatography
UniProt	Q8WWA0
Localization	Cytoplasm, cell membrane, secreted
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 minutes at RT
Limitations	This ITLN1 antibody is available for research use only.



IHC staining of FFPE human colon with ITLN1 antibody. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using ITLN1 antibody. These results demonstrate the foremost specificity of the ITLN1/4064 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.

Description

Human intelectin-1 (ITLN-1) is a novel identified galactose binding lectin that is usually expressed in the heart, small intestine, and colon. In normal tissues, human intelectin-1 was mainly secreted from gastrointestinal goblet cells along with mucus into the intestinal lumen, and it was also expressed, to a lesser extent, in mesothelial cells and urinary epithelial cells. It is overexpressed in human malignant pleural mesothelioma (MPM). In contrast, sarcomatoid-type MPMs, biphasic MPMs, and poorly differentiated MPMs are rarely positive for intelectin-1, and it is not expressed in other cancers, except in mucus-producing adenocarcinoma.

Application Notes

Optimal dilution of the ITLN1 antibody should be determined by the researcher.

Immunogen

A portion of amino acids 16-141 from the human protein was used as the immunogen for the ITLN1 antibody.

Storage

Store the ITLN1 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
Copyright © NSJ Bioreagents. All rights reserved.