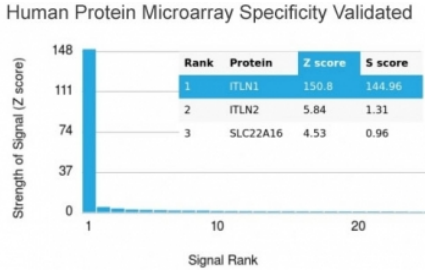
Intelectin 1 Antibody / ITLN1 [clone ITLN1/4061] (V8682)

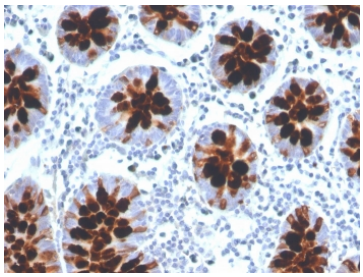
Catalog No.	Formulation	Size
V8682-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8682-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8682SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	ITLN1/4061
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 Intelectin 1 antibody is available for research use only.



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using Intelectin 1 antibody (clone ITLN1/4061). These results demonstrate the foremost specificity of the ITLN1/4061 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.



IHC staining of FFPE human colon with Intelectin 1 antibody (clone ITLN1/4061). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

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 Intelectin 1 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 Intelectin 1 antibody.

Storage

Store the Intelectin 1 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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