SZABO SCANDIC

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Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Galectin-2 [FF06] Bulk Size Ab03293-30.11-BT

This is an scFv fragment with a His tag.

Isotype and Format: scFv fragment (His), ScFv
Clone Number: FF06
Alternative Name(s) of Target: Gal-2; Beta-galactoside-binding lectin L-14-II; HL14; Lactose-binding lectin 2; S-Lac lectin 2
UniProt Accession Number of Target Protein: P05162
Published Application(s): in vivo, ELISA, IF
Published Species Reactivity: Human
Immunogen: The original antibody was isolated from the antibody library after two rounds of panning against human galectin-2.
Specificity: The antibody binds to human galectin-2. Galectin-2 is a monocyte-expressed carbohydrate-binding lectin, which plays a role in cancer, myocardial infarction, immune response, and gastrointestinal tract diseases.
Application Notes: The scFv fragment was able to bind the recombinant human galectin-2 protein in ELISA experiments. Immunofluorescence analysis on the colon biopsy samples from a healthy donor was performed. The scFv fragment showed significant staining surrounding the crypts of the intestinal tissue. Immunofluorescence analysis on the human colorectal adenocarcinoma cell line LS174T was performed in order to verify the ability of the scFv fragment to recognize natively expressed galectin-2 antigen. The ScFv fragment showed strong cytoplasmic staining. Immunofluorescence analysis on human biopsy samples of Ulcerative Colitis was performed. A stronger intensity signal in the colonic crypts region can be detected in the sections stained with the scFv fragment when compared to the signal observed with an irrelevant antibody. The autoradiography on the intestinal tract of a mouse having colitis has been performed in order to verify the ability of the scFv fragment to recognize the galectin-2 antigen in vivo. A stronger intensity signal could be detected in the colon of the mouse injected with the scFv fragment when compared to the signal in a control mouse injected with an irrelevant antibody (US20190309060).
Antibody First Published in: PMID:
Note on publication:

Product Form

Size: 500 µg Purified antibody in bulk size.
Purification:

Purified by Immobilized Metal Affinity Chromatography
Supplied In: PBS only.
Storage Recommendation: Store at 4^{o}C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommed this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20^{o}C.
Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.