

ARHGEF5 IHC Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_005426.2

Catalog No. IHC-00652

GeneID 7984

Lot No. IHC-00652-1



APPLICATIONS IHC, IHC-IF

SPECIES REACTIVITY Human

PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Chimpanzee and White-tufted-ear marmoset

AMOUNT 100 µl

CONCENTRATION 250 µg/ml

STORAGE/SHELF LIFE 2 - 8° C / 1 year from date of receipt

PHYSICAL STATE Liquid

BUFFER Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide

ISOTYPE IgG

ORIGIN USA

PRODUCTION PROCEDURES Antibody was affinity purified using an epitope specific to ARHGEF5 immobilized on solid support.

The epitope recognized by IHC-00652 maps to a region between residue 600 and 650 of human Rho guanine nucleotide exchange factor (GEF) 5 using the numbering given in entry NP_005426.2 (GeneID 7984).

Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Immunohistochemistry 1:100 - 1:500

Immunofluorescence 1:50 - 1:500
(IHC)

APPLICATION NOTES Epitope exposure is recommended.

Epitope exposure with citrate buffer will enhance staining.

Likely to work with frozen sections.

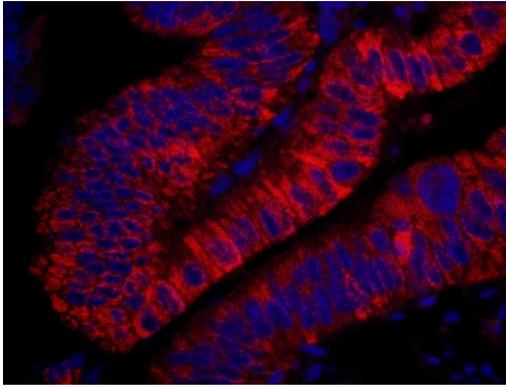
In some cases, the antibody may be diluted further than indicated.

IHC HUMAN CONTROLS Colon Carcinoma, Ovarian Carcinoma, Prostate Carcinoma

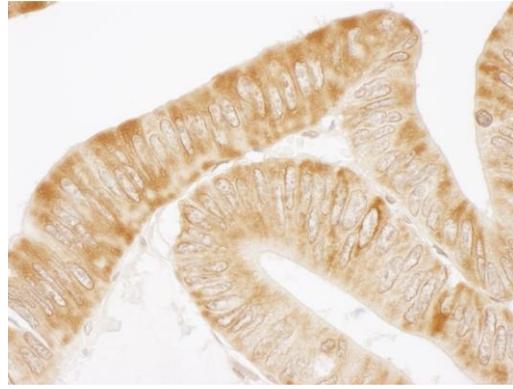
ADDITIONAL INFO <https://www.bethyl.com/product/IHC-00652>

Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



Detection of human ARHGEF5 by immunohistochemistry.
Sample: FFPE section of human colon carcinoma. *Antibody:* Affinity purified rabbit anti-ARHGEF5 (Cat. No. IHC-00652) used at a dilution of 1:100. *Detection:* Red-fluorescent goat anti-rabbit IgG-heavy and light chain cross-adsorbed Antibody DyLight® 594 Conjugated used at a dilution of 1:100.



Detection of human ARHGEF5 by immunohistochemistry.
Sample: FFPE section of human colon carcinoma. *Antibody:* Affinity purified rabbit anti-ARHGEF5 (Cat. No. IHC-00652) used at a dilution of 1:250. *Detection:* DAB