SMG9 Antibody

Rabbit Polyclonal

Antigen Affinity Purified		Protein ID	NP_061981.2
Catalog No.	A302-210A-T	GeneID	56006
Lot No.	A302-210A-T-1		

APPLICATIONS IP, IHC

SPECIES REACTIVITY Human

PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat and Bovine

AMOUNT 10 µl

CONCENTRATION 1000 µg/ml

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

PHYSICAL STATE Liquid

BUFFER Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide

ISOTYPE IgG

ORIGIN USA

PRODUCTION PROCEDURES Antibody was affinity purified using an epitope specific to SMG9 immobilized on solid support.

The epitope recognized by A302-210A-T maps to a region between residue 75 and 125 of human suppressor with morphogenetic effect on genitalia protein 9 using the numbering given in entry NP_061981.2 (GeneID 56006).

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.

Western Blot	Not recommended. A302-210A has not performed satisfactorily when used for WB of SMG9 in crude preparations (e.g. whole cell lysate). This antibody can be used for WB of enriched (e.g. immunoprecipitated) sources of SMG9.
Immunoprecipitation	5 - 10 µg/mg lysate
Immunohistochemistry	1:2,000 - 1:10,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

ADDITIONAL INFO Please visit our website for additional product information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD Date: March 31, 2022

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