alpha Smooth Muscle Actin Recombinant Monoclonal Antibody [BLR082G]

Rabbit Recombinant Monoclonal

Purified		RefSeq ID	NP_001604.1
Catalog No.	A700-082-T	Uniprot ID	P62736
Lot No.	2	GeneID	59

APPLICATIONS	WB, IHC, ICC, Flow Cyt
SPECIES REACTIVITY	Human, Mouse
AMOUNT	20 µl
CONCENTRATION	100 µg/ml
STORAGE/SHELF LIFE	2 - 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
CLONE #	BLR082G
ORIGIN	USA
PRODUCTION PROCEDURES	Recombinant antibody was purified from cell culture supernatant. Immunogen was a peptide representing a region between residue between 1 and 50 of human aortic smooth muscle actin using the numbering given in entry NP_001135417.1 (Gene ID 59).
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	1:1000
Immunohistochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.
Immunocytochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.
Flow Cytometry	Fixed in 4% formaldehyde and permeabilized with 90% methanol. 1 µl per 1 x 10^6 cells.

APPLICATION NOTES	All western blot analysis is performed using 5% Milk-TBST for blocking and as antibody diluent. Primary antibody is incubated overnight. Western blots of cell lysates are performed using Goat anti-Rabbit IgG Heavy and Light Chain Antibody (Cat. No. A120-101P).
IHC HUMAN CONTROLS	Breast, Lung, Prostate, Tonsil, BJ Cells, IMR-90 Cells
IHC MOUSE CONTROLS	CT26 cells, NIH 3T3 Cells
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: February 22, 2024

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