ASCL1/MASH1 Monoclonal Antibody [BLR164J]

Rabbit Recombinant Monoclonal

Purified		RefSeq ID	NP_004307.2
Catalog No.	A700-164	Uniprot ID	P50553
Lot No.	2	GeneID	429

APPLICATIONS WB, IP, IHC, ICC, Flow Cyt

SPECIES REACTIVITY Human, Mouse

AMOUNT 100 µl

CONCENTRATION 1000 µg/ml

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

PHYSICAL STATE Liquid

BUFFER Phosphate Buffered Saline (PBS) with 0.09% Sodium Azide, BSA-Free

ISOTYPE IgG

CLONE # BLR164J

ORIGIN USA

PRODUCTION PROCEDURES Recombinant antibody was purified from cell culture supernatant.

Immunogen was a peptide representing a region between residue 186 and the C-terminus (residue 236) of human Achaete-scute homolog 1 using the numbering given in entry NP_004307.2 (Gene ID 429).

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
Immunoprecipitation	6 µl/mg lysate
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 cell 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 (A120-101P).

Western blots of immunoprecipitates are performed using Goat anti-Rabbit Light Chain HRP Conjugate (A120-113P) with 5% Normal Pig Serum (S100-020) added to the blocking buffer.

IHC HUMAN CONTROLS Glioblastoma, SHP-77 Cells, SK-N-BE (2) Cells

IHC MOUSE CONTROLS Brain

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: April 24, 2025

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