

# 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

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<b>APPLICATIONS</b>	WB, IP, IHC, ICC, Flow Cyt
<b>SPECIES REACTIVITY</b>	Human, Mouse
<b>AMOUNT</b>	100 µl (50+ tests)
<b>CONCENTRATION</b>	1000 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8°C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Phosphate Buffered Saline (PBS) with 0.09% Sodium Azide, BSA-Free
<b>ISOTYPE</b>	IgG
<b>CLONE #</b>	BLR164J
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	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).

<b>APPLICATIONS</b>	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 $1 \times 10^6$ 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** <https://www.fortislifecom/p/A700-164>

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.  
Michael Spencer, PhD Date: April 24, 2025