

CD44 Recombinant Monoclonal Antibody [BLR038F]

Rabbit Recombinant Monoclonal

Purified		RefSeq ID	NP_000601.3
Catalog No.	A700-038	Uniprot ID	P16070
Lot No.	4	GeneID	960

APPLICATIONS	WB, IP, IHC, ICC, IHC-IF, Flow Cyt												
SPECIES REACTIVITY	Human, Mouse												
AMOUNT	100 µl												
CONCENTRATION	50 µg/ml												
STORAGE/SHELF LIFE	2 – 8°C / 1 year from date of receipt												
PHYSICAL STATE	Liquid												
BUFFER	Phosphate Buffered Saline (PBS) with 0.1% BSA and 0.09% Sodium Azide												
ISOTYPE	IgG												
CLONE #	BLR038F												
ORIGIN	USA												
PRODUCTION PROCEDURES	Recombinant antibody was purified from cell culture supernatant. Immunogen was a peptide representing a region between residue 700 and the C-terminus (residue 742) of human CD44 using the numbering given in entry NP_000601.3 (Gene ID 960).												
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. <table><tr><td>Western Blot</td><td>1:1000</td></tr><tr><td>Immunoprecipitation</td><td>20 µl/mg lysate</td></tr><tr><td>Immunohistochemistry</td><td>1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.</td></tr><tr><td>Immunocytochemistry</td><td>1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.</td></tr><tr><td>Immunofluorescence (IHC)</td><td>1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.</td></tr><tr><td>Flow Cytometry</td><td>Fixed in 4% formaldehyde and permeabilized with 90% methanol. 1 µl per 1 x 10⁶ cells.</td></tr></table>	Western Blot	1:1000	Immunoprecipitation	20 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.	Immunofluorescence (IHC)	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.
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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 an anti-Rabbit IgG Light Chain HRP-conjugated antibody with 5% Normal Pig Serum (S100-020) added to the blocking buffer.												
IHC HUMAN CONTROLS	Breast Carcinoma, Head and Neck Squamous Cell Carcinoma, Lung Carcinoma, Skin Carcinoma, 786-O Cells, A-172 Cells, A549 Cells, HCT 116 Cells, HeLa 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: May 13, 2026

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