HER2/ErbB2 Recombinant Monoclonal Antibody [BLR241L]

Rabbit Recombinant Monoclonal

Purified		RefSeq ID	NP_004439.2
Catalog No.	A700-241	Uniprot ID	P04626
Lot No.	A700-241-1	GeneID	2064

APPLICATIONS WB, IP, IHC, ICC, Flow Cyt

SPECIES REACTIVITY Human, Mouse

AMOUNT 100 µl

CONCENTRATION 250 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 # BLR241L

ORIGIN USA

PRODUCTION PROCEDURES Recombinant antibody was purified from cell culture supernatant.

Immunogen was a peptide representing a region between residue 1205 and the C-terminus (residue 1255) of human receptor tyrosine-protein kinase ErbB-2 (aka HER2) using the numbering given in entry NP_004439.2 (Gene ID 2064).

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	1:1,000
Immunoprecipitation	20 µl/1 mg lysate
Immunohistochemistry	1:100 to 1:500. Epitope retrieval with Tris-EDTA pH 9.0 is recommended for FFPE tissue sections.
Immunocytochemistry	1:100 to 1:500. Epitope retrieval with Tris-EDTA pH 9.0 is recommended for FFPE cell sections.
Flow Cytometry	Fixed in 4% formaldehyde and permeabilized with 90% methanol. 0.25 µl per 1 x 10^6 cells.

IHC HUMAN CONTROLS Bladder Carcinoma, Breast Carcinoma, Colon Carcinoma, Skin Carcinoma, Hep-G2 Cells, LNCap Cells, MCF-7 Cells, PANC-1 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: March 3, 2023

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