



# SZABO SCANDIC

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Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# HER2/ErbB2 Recombinant Monoclonal Antibody [BLR241L]

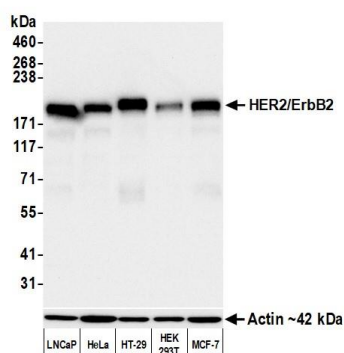
Rabbit Recombinant Monoclonal

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

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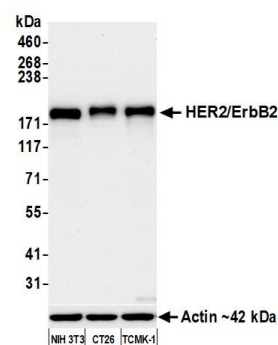
<b>APPLICATIONS</b>	WB, IP, IHC, ICC, Flow Cyt
<b>SPECIES REACTIVITY</b>	Human, Mouse
<b>AMOUNT</b>	100 µl (50+ tests)
<b>CONCENTRATION</b>	250 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 - 8°C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>CLONE #</b>	BLR241L
<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 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).
<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                      1:1,000  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 <sup>6</sup> cells.
<b>IHC HUMAN CONTROLS</b>	Bladder Carcinoma, Breast Carcinoma, Colon Carcinoma, Skin Carcinoma, Hep-G2 Cells, LNCap Cells, MCF-7 Cells, PANC-1 Cells
<b>ADDITIONAL INFO</b>	<a href="https://www.fortislife.com/p/A700-241">https://www.fortislife.com/p/A700-241</a> 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: January 30, 2023



#### Detection of human HER2/ErbB2 by western blot.

**Samples:** Whole cell lysate (10 µg) from LNCaP, HeLa, HT-29, HEK293T, and MCF-7 cells prepared using NETN lysis buffer. **Antibody:** Rabbit anti-HER2/ErbB2 recombinant monoclonal antibody [BLR241L] (A700-241 lot 1) used at 1:1000. **Secondary:** HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).

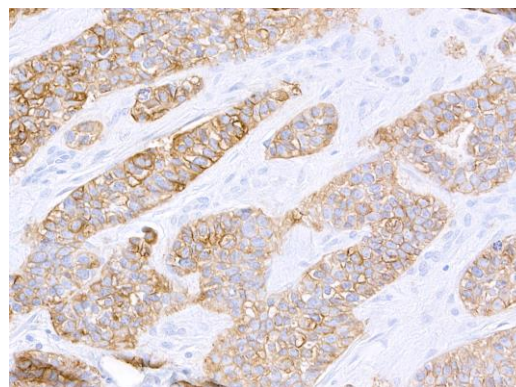


#### Detection of mouse HER2/ErbB2 by western blot.

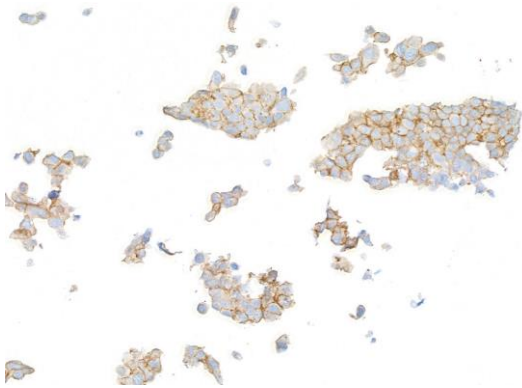
**Samples:** Whole cell lysate (10 µg) from NIH 3T3, CT26, and TCMK-1 cells prepared using NETN lysis buffer. **Antibody:** Rabbit anti-HER2/ErbB2 recombinant monoclonal antibody [BLR241L] (A700-241 lot 1) used at 1:1000. **Secondary:** HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



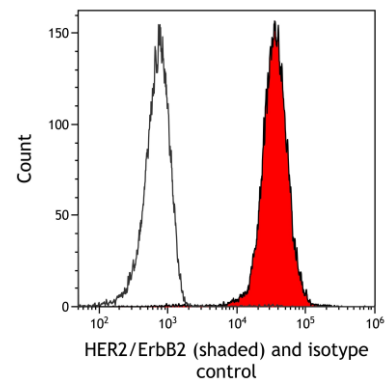
**Detection of human HER2/ErbB2 by western blot of immunoprecipitates.** **Samples:** Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. **Antibodies:** Rabbit anti-HER2/ErbB2 recombinant monoclonal antibody [BLR241L] (A700-241 lot 1) used for IP at 20 µl/mg lysate. HER2/ErbB2 was also immunoprecipitated by a second antibody against a different epitope of HER2/ErbB2 (A301-621A). For blotting immunoprecipitated HER2/ErbB2, A700-241 was used at 1:1000. Chemiluminescence with an exposure time of 1 second.



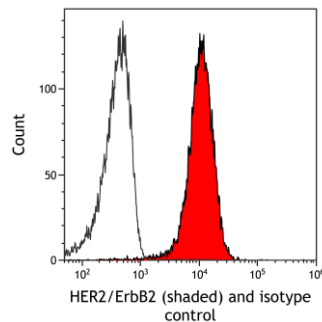
**Detection of human HER2/ErbB2 by immunohistochemistry.** **Sample:** FFPE section of human breast carcinoma. **Antibody:** Rabbit anti-HER2/ErbB2 recombinant monoclonal antibody [BLR241L] (A700-241). **Secondary:** HRP-conjugated goat anti-rabbit IgG (A120-501P).



**Detection of human HER2/ErbB2 by immunocytochemistry.** *Sample:* FFPE section of LNCaP cells. *Antibody:* Rabbit anti-HER2/ErbB2 recombinant monoclonal antibody [BLR241L] (A700-241). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



**Detection of human HER2/ErbB2 (shaded) in FaDu cells by flow cytometry.** *Antibody:* Rabbit anti-HER2/ErbB2 recombinant monoclonal antibody [BLR241L] (A700-241) or isotype control (unshaded). *Secondary:* DyLight® 650-conjugated goat anti-rabbit IgG (A120-101D5).



**Detection of mouse HER2/ErbB2 (shaded) in NIH3T3 cells by flow cytometry.** *Antibody:* Rabbit anti-HER2/ErbB2 recombinant monoclonal antibody [BLR241L] (A700-241) or isotype control (unshaded). *Secondary:* DyLight® 650-conjugated goat anti-rabbit IgG (A120-101D5).