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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC Handels GmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Rabbit IgG Heavy and Light Chain Cross-Adsorbed Antibody

Donkey Polyclonal Conjugate DyLight® 800

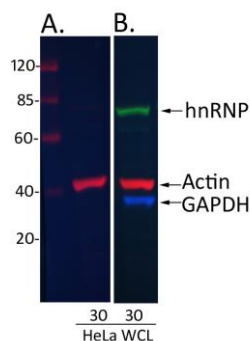
Antigen Affinity Purified

Catalog No. A120-208D8

Lot No. 16

APPLICATIONS	WB, IHC, ICC, Flow Cyt, IF										
SPECIES REACTIVITY	Rabbit. Minimum reactivity to bovine, chicken, goat, human, mouse, pig and rat										
AMOUNT	1 ml										
CONCENTRATION	0.5 mg/ml										
STORAGE/SHELF LIFE	2 – 8°C / 1 year from date of receipt										
PHYSICAL STATE	Liquid										
BUFFER	Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide										
FLUOROPHORE/PROTEIN	3.3										
ISOTYPE	IgG										
ORIGIN	USA										
PRODUCTION PROCEDURES	<p>Antiserum was cross adsorbed using bovine, chicken, goat, human, mouse, pig and rat immunosorbents to remove cross reactive antibodies. The antibody to rabbit IgG was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to DyLight® 800.</p> <p>Immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4.</p> <p>By immunoelectrophoresis and ELISA this antibody reacts specifically with rabbit IgG and with light chains common to other rabbit immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Less than 1% cross reactivity to bovine, chicken, goat, human, mouse, pig and rat IgG was detected. This antibody may cross react with IgG from other species.</p>										
APPLICATIONS	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <table><tr><td>Western Blot</td><td>1:1000 – 1:20,000. 5% non-fat dry milk in PBST or TBST is recommended for blocking and incubation of antibodies. BSA is not recommended.</td></tr><tr><td>Immunohistochemistry</td><td>1:50 – 1:500</td></tr><tr><td>Immunocytochemistry</td><td>1:50 – 1:500</td></tr><tr><td>Flow Cytometry</td><td>1:50 – 1:200</td></tr><tr><td>Immunofluorescence</td><td>1:50 – 1:500</td></tr></table>	Western Blot	1:1000 – 1:20,000. 5% non-fat dry milk in PBST or TBST is recommended for blocking and incubation of antibodies. BSA is not recommended.	Immunohistochemistry	1:50 – 1:500	Immunocytochemistry	1:50 – 1:500	Flow Cytometry	1:50 – 1:200	Immunofluorescence	1:50 – 1:500
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APPLICATION NOTES	<p>Not all listed applications have been specifically tested by our laboratory.</p> <p>DyLight® 800 is excited at 770 (in PBS) and emits at 794 (in PBS).</p> <p>DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.</p>										
ADDITIONAL INFO	<p>https://www.fortislife.com/p/A120-208D8</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>										

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: May 30, 2024



Fluorescent western blot Analysis Demonstrating Diminished Cross-reactivity of donkey anti-rabbit IgG Cross-adsorbed Secondary Antibody with goat and mouse IgG. (A) HeLa whole cell lysate (30 µg) was blotted and incubated with a cocktail of mouse anti-hnRNP A500-011A, rabbit anti-actin A300-491A, and goat anti-GAPDH A303-878A at 1 µg/ml each. For detection, the blot was incubated with 0.5 µg/ml donkey anti-rabbit IgG heavy and light chain cross-adsorbed antibody conjugated to Dylight® 680 A120-208D8. Donkey anti-rabbit IgG heavy and light chain cross-adsorbed antibody (A120-208D8) specifically detected rabbit anti-actin A300-491A (red) and showed no cross-reactivity with the goat anti-GAPDH and mouse anti-hnRNP primary antibodies. (B) GAPDH, actin, and hnRNP were detected in a parallel strip incubated with the primary antibody cocktail used in (A), and a secondary antibody cocktail of Dylight® 680-conjugated donkey anti-mouse A90-337D6 (green), Dylight® 800-conjugated donkey anti-rabbit A120-208D8 (red), and Dylight® 488-conjugated donkey anti-goat A50-201D2 (blue) at 0.5 µg/ml each.