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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

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) 

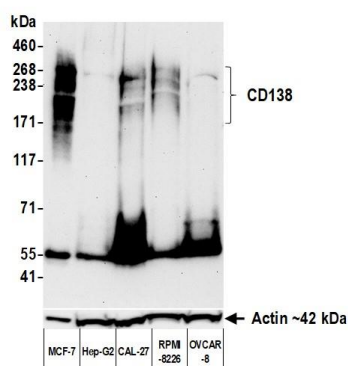
CD138 Recombinant Monoclonal Antibody [BLR324M]

Rabbit Recombinant Monoclonal

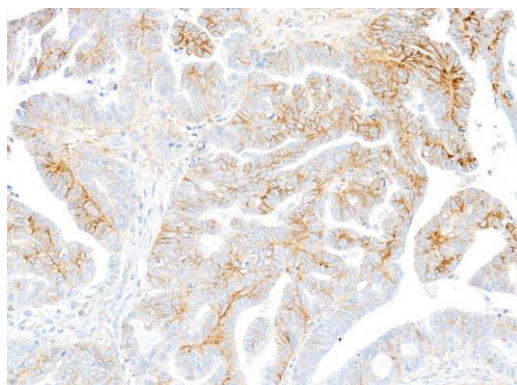
Purified		RefSeq ID	NP_002988.4
Catalog No.	A700-324	Uniprot ID	P18827
Lot No.	1	GeneID	6382

APPLICATIONS	WB, IP, IHC, ICC, Flow Cyt
SPECIES REACTIVITY	Human
AMOUNT	100 µl (50+ tests)
CONCENTRATION	500 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 #	BLR324M
ORIGIN	USA
PRODUCTION PROCEDURES	Recombinant antibody was purified from cell culture supernatant. Immunogen was a recombinant protein representing the extracellular domain of human CD138 (residues 23–251, NP_002988.4).
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 12 µl/mg lysate Immunohistochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. Immunocytochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE cell sections. Flow Cytometry Live or cells fixed in 4% formaldehyde and permeabilized with 90% methanol. 0.25 µl per 1 x 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	Colon Carcinoma, Ovarian Carcinoma, Tonsil, Cal–27 Cells, Hep–G2 Cells, RPMI–8226 Cells
ADDITIONAL INFO	https://www.fortislife.com/p/A700-324 Use the link above to view SDS, a current list of citations, and other product specific information.

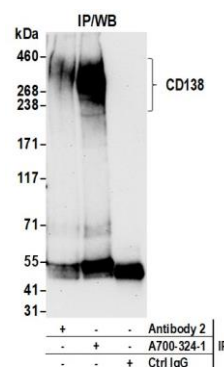
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: June 25, 2024



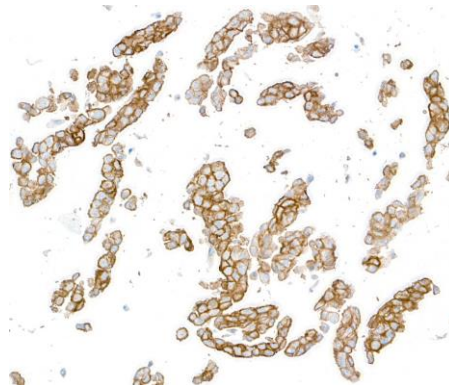
Detection of human CD138 by western blot. *Samples:* Whole cell lysate (50 μ g) from MCF-7 (5 μ g), Hep-G2, CAL-27, RPMI-8226, and OVCAR-8 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-CD138 recombinant monoclonal antibody [BLR324M] (A700-324 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). *Detection:* Chemiluminescence with an exposure time of 3 minutes. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



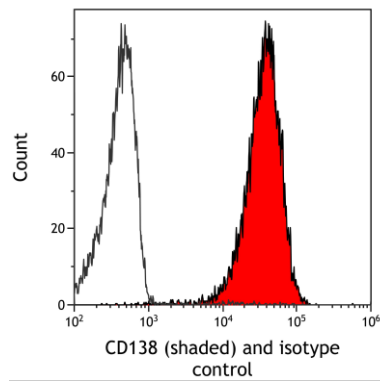
Detection of human CD138 by immunohistochemistry. *Sample:* FFPE section of ovarian carcinoma. *Antibody:* Rabbit anti-CD138 recombinant monoclonal antibody [BLR324M] (A700-324). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



Detection of human CD138 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Hep-G2 cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-CD138 recombinant monoclonal antibody [BLR324M] (A700-324 lot 1) used for IP at 12 μ l per reaction. CD138 was also immunoprecipitated by a second antibody against a different epitope of human CD138 (Antibody 2). For blotting immunoprecipitated CD138, A700-324 was used at 1:1000. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human CD138 by immunocytochemistry. *Sample:* FFPE section of Cal-27 cells. *Antibody:* Rabbit anti-CD138 recombinant monoclonal antibody [BLR324M] (A700-324). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).



Detection of human CD138 (shaded) in HT-29 cells by flow cytometry. *Antibody:* Rabbit anti-CD138 recombinant monoclonal antibody [BLR324M] (A700-324) or isotype control (unshaded). *Secondary:* DyLight® 650-conjugated goat anti-rabbit IgG (A120-101D5).