

Product Datasheet

FliC Antibody (FLIC-1)

NBP1-48718

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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Publications: 6

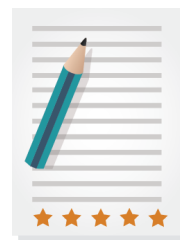
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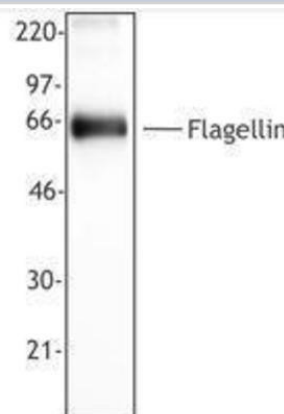
| Product Information | |
|---------------------|-----------------------------|
| Unit Size | 0.1 mg |
| Concentration | 0.5 mg/ml |
| Storage | Store at 4C. Do not freeze. |
| Clonality | Monoclonal |
| Clone | FLIC-1 |
| Preservative | 0.09% Sodium Azide |
| Isotype | IgG1 Kappa |
| Purity | Protein A or G purified |
| Buffer | PBS (pH 7.2) |

| Product Description | |
|-------------------------|--|
| Host | Mouse |
| Species | Bacteria |
| Specificity/Sensitivity | FliC is expressed in motile bacteria including Salmonella and E. Coli. The epitope recognized by this antibody is not known. There is a possibility that some flagellins are not recognized by this FLIC-1 antibody. |
| Immunogen | The immunogen was the full length version of the protein: FliC (FLIC-1) |

| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Immunocytochemistry/Immunofluorescence, Immunoprecipitation |
| Recommended Dilutions | Western Blot 1 ug/ml, Immunocytochemistry/Immunofluorescence 1:10-1:2000, Immunoprecipitation 1:10-1:500 |
| Application Notes | Each lot of this antibody is quality control tested by Western blotting. Western blotting, suggested working dilution(s): Use 5 ug antibody per 5 ml antibody dilution buffer for each mini-gel. It is recommended that the reagent be titrated for optimal performance for each application. Each lot of this antibody is quality control tested by Western blotting. Western blotting, suggested working dilution (s): Use 5 μg antibody per 5 ml antibody dilution buffer for each mini-gel. It is recommended that the reagent be titrated for optimal performance for each application. |

Images

Western Blot: FliC Antibody (FLIC-1) [NBP1-48718] - Recombinant flagellin protein (50 ng per lane) was resolved by electrophoresis, transferred to nitrocellulose, and probed with monoclonal antibody against FliC. Protein was visualized using a goat anti-mouse secondary conjugated to HRP and a chemiluminescence detection system.



Publications

Chang KC, Cheng SJ, Chen YC et al. Nanoscopic analysis on pH induced morphological changes of flagella in *Escherichia coli* J Microbiol Immunol Infect 2012 Sep 24 [PMID: 23017690] (WB, Bacteria)

Crawford RW, Reeve KE, Gunn JS. Flagellated but not hyperfimbriated *Salmonella enterica* serovar Typhimurium attaches to and forms biofilms on cholesterol-coated surfaces. J Bacteriol;192(12):2981-90. 2010 Jun. [PMID: 20118264]

Ibarra JA, Knodler LA, Sturdevant DE, Virtaneva K, Carmody AB, Fischer ER, Porcella SF, Steele-Mortimer O. S. nduction of *Salmonella* pathogenicity island 1 under different growth conditions can affect *Salmonella*-host cell interactions in vitro. Microbiology;156(Pt 4):1120-33. 2010 Apr. [PMID: 20035008]

Huang LY, Dumontelle JL, Zolodz M, Deora A, Mozier NM, Golding B. Use of toll-like receptor assays to detect and identify microbial contaminants in biological products. J Clin Microbiol;47(11):3427-34. 2009 Nov. [PMID: 19726599]

Uchiya K, Nikai T. *Salmonella* virulence factor SpiC is involved in expression of flagellin protein and mediates activation of the signal transduction pathways in macrophages. Microbiology. 154(Pt 11):3491-502. 2008 Nov. [PMID: 18957602]

Knodler LA, Vallance BA, Celli J, Winfree S, Hansen B, Montero M, Steele-Mortimer O. Dissemination of invasive *Salmonella* via bacterial-induced extrusion of mucosal epithelia. Proc Natl Acad Sci U S A 2010 Oct 12. [PMID: 20876119]





Novus Biologicals USA

8100 Southpark Way, A-8
Littleton, CO 80120
USA

Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
novus@novusbio.com

Novus Biologicals Canada

461 North Service Road West, Unit B37
Oakville, ON L6M 2V5
Canada

Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada@novusbio.com

Novus Biologicals Europe

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: technical@novusbio.com
Orders: orders@novusbio.com
General: novus@novusbio.com

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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