

# Product Datasheet

## CEACAM1/CD66a Antibody (CC1) - BSA Free NBP1-43390-0.1mg

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NBP1-43390-0.1mg**

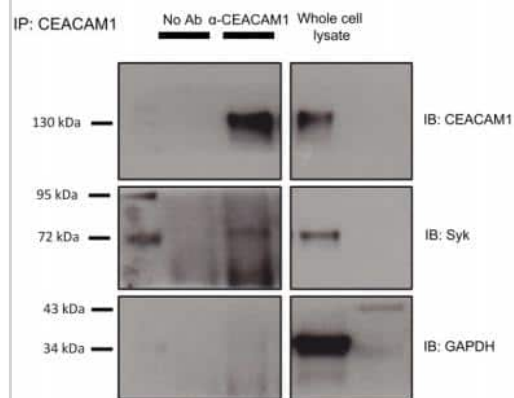
CEACAM1/CD66a Antibody (CC1) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	5 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	CC1
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein A or G purified
Buffer	PBS (pH 7.2)
Product Description	
Description	Novus Biologicals Mouse CEACAM1/CD66a Antibody (CC1) - BSA Free (NBP1-43390) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. Anti-CEACAM1/CD66a Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	634
Gene Symbol	CEACAM1
Species	Mouse
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Immunogen	The immunogen for this antibody was CD66a.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, In vitro assay, Immunoprecipitation, Block/Neutralize
Recommended Dilutions	Western Blot, Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen, In vitro assay, Block/Neutralize
Application Notes	This CC1 antibody has been tested by flow cytometric analysis of mouse splenocytes. This can be used at less than or equal to 0.25 ug per test. Cell number should be determined empirically but can range from 10 <sup>5</sup> to 10 <sup>8</sup> cells/test. Use in Immunohistochemistry-Frozen, Immunoprecipitation, western blot, In vitro assay, blocking / neutralizing, and FLOW reported in scientific literature (PMID 25692415). Use in ICC/IF was reported in scientific literature (PMID: 25692415).



## Images

Immunoprecipitation: CEACAM1/CD66a Antibody (CC1) [NBP1-43390] - CEACAM1 interacts with Syk. Immunoblot analysis of CEACAM1, Syk, and GAPDH in mouse B-lymphocyte from whole cell lysate and after immunoprecipitation with or without anti-CEACAM1 antibody (mAb, CC1). Data are representative of 3 independent experiments. Image collected and cropped by CiteAb from the following publication ([nature.com/articles/ncomms7217](https://www.nature.com/articles/ncomms7217)) licensed under a CC-BY license.



## Publications

Khairnar V, Duhan V, Maney SK et al. CEACAM1 induces B-cell survival and is essential for protective antiviral antibody production Nat Commun. 2015-02-19 [PMID: 25692415] (In vitro, IP, WB, FLOW, B/N, IHC-Fr, Mouse)



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

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.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP1-43390-0.1mg**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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### **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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