

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

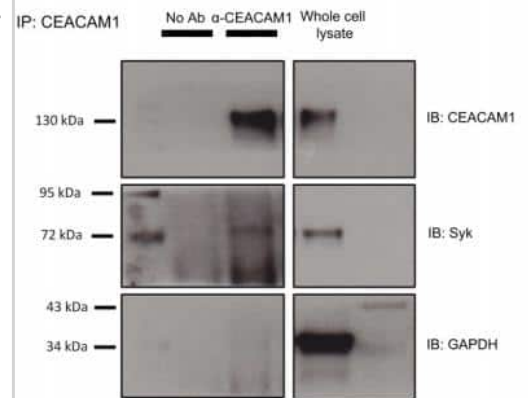
CEACAM1/CD66a Antibody (CC1) - BSA Free

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	
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, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, 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 ⁵ to 10 ⁸ 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)



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Products Related to NBP1-43390-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-43390AF488	CEACAM1/CD66a Antibody (CC1) [Alexa Fluor® 488]

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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