

# Product Datasheet

## CD44 Antibody (8E2F3) [Allophycocyanin] NBP1-47386APC

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-47386APC**

CD44 Antibody (8E2F3) [Allophycocyanin]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	8E2F3
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Allophycocyanin
Purity	Ammonium sulfate precipitation
Buffer	PBS

Product Description	
Host	Mouse
Gene ID	960
Gene Symbol	CD44
Species	Human, Mouse, Rabbit (Negative)
Reactivity Notes	Not reactive to rabbit per customer review.
Marker	Cell Membrane Marker
Immunogen	Purified recombinant fragment of human CD44 (628-699) expressed in E. coli. [Uniprot: P16070]

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Flow (Intracellular)
Application Notes	Optimal dilution of this antibody should be experimentally determined.

**Images**

CD44 Antibody (8E2F3) [Allophycocyanin] [NBP1-47386APC] - Vial of APC conjugated antibody. APC is optimally excited at 650 nm by the Red laser (633 or 640 nm) and has an emission maximum of 660 nm.



## Publications

Zuo Q, Yang Y, Lyu Y, Yang C, Chen C, Salman S, Huang T, Wicks E, Jackson W, Datan E, Qin W, Semenza G  
Plexin-B3 expression stimulates MET signaling, breast cancer stem cell specification, and lung metastasis. Cell Rep, 2023-02-28;42(3):112164. 2023-02-28 [PMID: 36857181]

Salman S, Meyers DJ, Wicks EE Et al. HIF inhibitor 32-134D eradicates murine hepatocellular carcinoma in combination with anti-PD1 therapy J Clin Invest 2022-05-02 [PMID: 35499076] (FLOW, FLOW, Mouse)

Details:

Citation using the Alexa Fluor 488 version of this antibody.

Samanta D, Huang T, Shah R et al. BIRC2 Expression Impairs Anti-Cancer Immunity and Immunotherapy Efficacy Cell Rep [PMID: 32846130] (FLOW, Mouse)

Details:

Citation using the PE format of this antibody.

Samanta D, Park Y, Ni X et al. Chemotherapy induces enrichment of CD47+/CD73+/PDL1+ immune evasive triple-negative breast cancer cells Proc. Natl. Acad. Sci. U.S.A. 2018-01-24 [PMID: 29367423] (FLOW, Mouse)

Details:

This citation used the Alexa Fluor 488 form of this antibody





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### **Products Related to NBP1-47386APC**

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NBP1-97005APC	Mouse IgG1 Isotype Control (MG1) [Allophycocyanin]
NBP1-84578PEP	CD44 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
3660-CD-050	CD44 [Unconjugated]

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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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