

# Product Datasheet

## CD44 Antibody (Hermes-1) [Allophycocyanin] NBP2-22530APC

Unit Size: 0.2 ml

Store at 4C in the dark.

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### Publications: 1

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**NBP2-22530APC**

CD44 Antibody (Hermes-1) [Allophycocyanin]

Product Information	
Unit Size	0.2 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	Hermes-1
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Conjugate	Allophycocyanin
Purity	Protein G purified
Buffer	PBS

Product Description	
Host	Rat
Gene ID	960
Gene Symbol	CD44
Species	Human, Mouse, Bovine, Goat, Rabbit, Sheep
Reactivity Notes	Rabbit reactivity reported in scientific literature (PMID:33133195).
Marker	Cell Membrane Marker
Immunogen	80 - 95 kDa lymphocyte surface glycoprotein H-CAM (CD44).

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Block/Neutralize, CyTOF-ready
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, CyTOF-ready, Block/Neutralize

**Images**

CD44 Antibody (Hermes-1) [Allophycocyanin] [NBP2-22530APC] - 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.



Allophycocyanin (APC)

LASER (nm)	FILTER
Red (633,640)	660/10
EXCITATION MAX (nm)	EMISSION MAX (nm)
650	660

## Publications

Chen G, Zhang W, Zhang K et al Hypoxia-Induced Mesenchymal Stem Cells Exhibit Stronger Tenogenic Differentiation Capacities and Promote Patellar Tendon Repair in Rabbits Stem Cells Int 2020-11-02 [PMID: 33133195] (FLOW, FLOW, Rabbit)

### Details:

Citation using the Allophycocyanin version of this antibody.





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### **Products Related to NBP2-22530APC**

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IC006A	Rat IgG2a Isotype Control (54447) [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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