

Product Datasheet

CD45 Antibody (YKIX716.13) [Allophycocyanin] NB100-65906APC

Unit Size: 0.1 ml

Store at 4C in the dark.

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Publications: 3

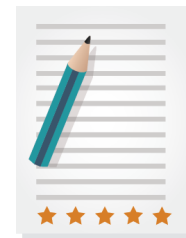
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NB100-65906APC

CD45 Antibody (YKIX716.13) [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	YKIX716.13
Preservative	0.05% Sodium Azide
Isotype	IgG2b
Conjugate	Allophycocyanin
Purity	Protein G purified
Buffer	PBS

Product Description	
Description	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
Host	Rat
Gene ID	5788
Gene Symbol	PTPRC
Species	Canine
Reactivity Notes	CD45 Antibody (YKIX716.13) shows reactivity with Equine as reported in multiple pieces of scientific literature.
Specificity/Sensitivity	CD45 Antibody (YKIX716.13) recognizes canine CD45 also known as leukocyte common antigen lustered as Canine CD45 in the First Canine Leukocyte Antigen Workshop. CD45 is expressed on all leukocytes in canine peripheral blood and may be against CD45RB isoform. This antibody reacts with CD45 on all outbred mongrels and beagles tested.
Immunogen	Canine thymocytes

Product Application Details	
Applications	Flow Cytometry, Immunoprecipitation
Recommended Dilutions	Flow Cytometry, Immunoprecipitation

Images

Product Image: CD45 Antibody (YKIX716.13) [Allophycocyanin] [NB100-65906APC] - 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

L Bourebaba, I Michalak, M Baouche, K Kucharczyk et al. Cladophora glomerata methanolic extract promotes chondrogenic gene expression and cartilage phenotype differentiation in equine adipose-derived mesenchymal stromal stem cells affected by metabolic syndrome Stem Cell Res Ther. [PMID: 31847882] (FLOW, Equine)

K Marycz, C Weiss, A ?mieszek, K Kornicka Evaluation of Oxidative Stress and Mitophagy during Adipogenic Differentiation of Adipose-Derived Stem Cells Isolated from Equine Metabolic Syndrome (EMS) Horses Stem Cells Int. 2018-01-01 [PMID: 29977307] (FLOW, Equine)

Marycz K, Houston J, Weiss C et al 5-Azacytidine and Resveratrol Enhance Chondrogenic Differentiation of Metabolic Syndrome-Derived Mesenchymal Stem Cells by Modulating Autophagy. Oxid Med Cell Longev. 2019-05-12 [PMID: 31214275] (FLOW, Equine)

Details:

Citation using the Allophycocyanin version of this antibody.





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Products Related to NB100-65906APC

IC013A	Rat IgG2b Isotype Control (141945) [Allophycocyanin]
NB100-65906PE	CD45 Antibody (YKIX716.13) [PE]
NBP2-51591-0.02mg	Recombinant Human CD45 His Protein
210-TA-005	TNF-alpha [Unconjugated]

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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