

Product Datasheet

CD2 Antibody (OX-34) - BSA Free NB100-65228-250ug

Unit Size: 250 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 4

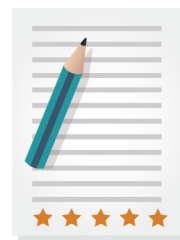
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NB100-65228-250ug

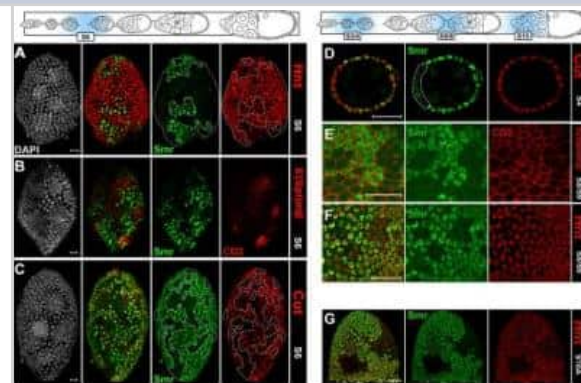
CD2 Antibody (OX-34) - BSA Free

Product Information	
Unit Size	250 ug
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OX-34
Preservative	0.09% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	914
Gene Symbol	CD2
Species	Rat
Specificity/Sensitivity	NB100-65228 recognizes the rat CD2 cell surface antigen, a 50-54kD glycoprotein expressed by thymocytes and mature T cells. * Whiteland, J.L. et al. (1995). Immunohistochemical Detection of T-Cell Subsets and other Leucocytes in Paraffin-embedded Rat and Mouse Tissues with Monoclonal Antibodies. J. Histochem. Cytochem. 43: 313-320.
Immunogen	Activated rat T helper cells
Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Flow Cytometry 1:50, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500

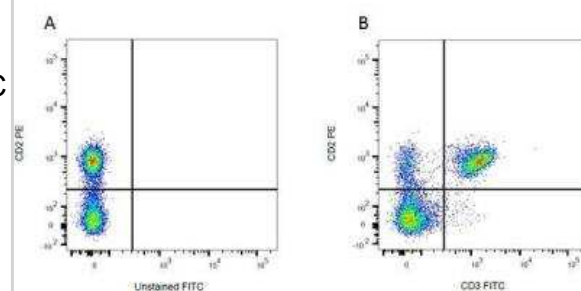


Images

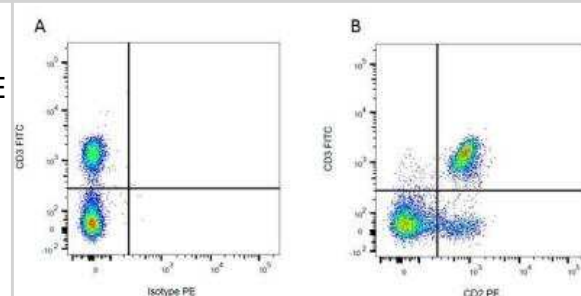
Immunocytochemistry/Immunofluorescence: CD2 Antibody (OX-34) [NB100-65228] - (A, B, C) Egg chambers at S6 stained with antibodies against SMRTER and Hindsight (Hnt) (A), CD2 (B), or Cut (C). (D) An egg chamber at S4 stained with antibodies against SMRTER and Cut. (E, F) Egg chambers at S8/S9 stained with antibodies against SMRTER and CD2 (E) or Hnt (F). (G) An egg chamber at S10A stained with antibodies against SMRTER and Hnt.



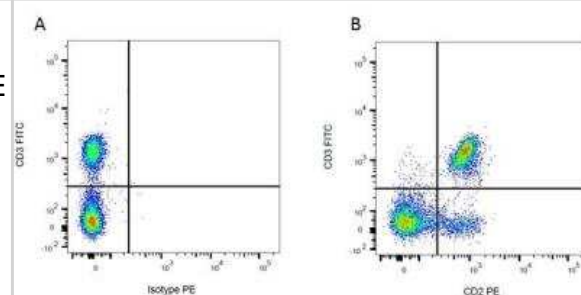
Flow Cytometry: CD2 Antibody (OX-34) [NB100-65228] - Figure A. RPE conjugated Mouse anti Rat CD2 and FITC conjugated Mouse IgM isotype control. Figure B. RPE conjugated Mouse anti Rat CD2 and FITC conjugated Mouse anti Rat CD3.



Flow Cytometry: CD2 Antibody (OX-34) [NB100-65228] - Figure A. FITC conjugated Mouse anti Rat CD3 and RPE conjugated Mouse IgG2a isotype control. Figure B. FITC conjugated Mouse anti Rat CD3 and RPE conjugated Mouse anti Rat CD2.



Flow Cytometry: CD2 Antibody (OX-34) [NB100-65228] - Figure A. FITC conjugated Mouse anti Rat CD3 and RPE conjugated Mouse IgG2a isotype control. Figure B. FITC conjugated Mouse anti Rat CD3 and RPE conjugated Mouse anti Rat CD2.



Publications

Crook K, Hunt SV. Enrichment of early fetal-liver hemopoietic stem cells of the rat using monoclonal antibodies against the transferrin receptor, Thy-1, and MRC-OX82. *Dev Immunol.* [PMID: 8924759] (FLOW, Rat)

Kampinga J, Schuurman HJ, Pol GH et al. Vascular thymus transplantation in rats. Technique, morphology, and function. *Transplantation.* 1990-10-01 [PMID: 2219290]

Beyers AD, Spruyt LL, Williams AF. Molecular associations between the T-lymphocyte antigen receptor complex and the surface antigens CD2, CD4, or CD8 and CD5. *Proc Natl Acad Sci U S A.* 1992-04-01 [PMID: 1372996]

Lazo PA, Klein-Szanto AJ, Tschlis PN. T-cell lymphoma lines derived from rat thymomas induced by Moloney murine leukemia virus: phenotypic diversity and its implications. *J Virol.* [PMID: 2196385] (IHC-Fr, FLOW, Rat)





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Products Related to NB100-65228-250ug

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP2-22745	Recombinant Human CD2 His Protein

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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