

# Product Datasheet

## CD2 Antibody (I/35A) [Alexa Fluor® 405] NB100-65316AF405

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-65316AF405**

CD2 Antibody (I/35A) [Alexa Fluor® 405]

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	I/35A
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Alexa Fluor 405
Purity	Protein G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	914
Gene Symbol	CD2
Species	Goat, Sheep
Reactivity Notes	Reacts with Sheep. Cross reacts with Goat.
Specificity/Sensitivity	NB100-65316 recognizes ovine CD2, a 55kD cell surface antigen. Ovine CD2 is expressed by peripheral T cells expressing CD4 or CD8, but not by the CD4/CD8 negative subset, which comprises approximately 20% of cells in peripheral blood. In the thymus most cells express low levels of CD2. In immunohistochemical studies tissue macrophages in lymph nodes are found to be CD2 +ve. NB100-65316 blocks sheep autologous E rosetting.
Immunogen	Sheep T cell blasts
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a> . 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.

Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen



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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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