

Product Datasheet

CD35 Antibody (E11) [Alexa Fluor® 405] NBP2-33080AF405

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-33080AF405

CD35 Antibody (E11) [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	E11
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Alexa Fluor 405
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	1378
Gene Symbol	CR1
Species	Human, Monkey, Baboon, Cynomolgus Monkey, Rhesus Macaque
Marker	Follicular Dendritic Cell Marker
Specificity/Sensitivity	Recognizes a protein of 210-220kDa, which is identified as the complement receptor 1 (CR1)/CD35. This monoclonal antibody is specific for a site in CR1 that is distal from the C3b-binding site, so that it is unable to block CR1 activity. This monoclonal antibody is highly specific to CR1 and shows no cross-reaction with CR2. The primary function of CR1 is to serve as the cellular receptor for C3b and C4b, the most important components of the complement system leading to clearance of foreign macromolecules. The Knops blood group system is a system of antigens located on this protein. Follicular dendritic cells (FDC) are restricted to the B-cell regions of secondary lymphoid follicles. They are CD21+/CD35+/CD1a-. This monoclonal antibody labels follicular dendritic cells and follicular dendritic cell sarcoma.
Immunogen	Intact human monocytes

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Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin

Images

CD35 Antibody (E11) [Alexa Fluor® 405] [NBP2-33080AF405] - Vial of Alexa Fluor 405 conjugated antibody. Alexa Fluor 405 is optimally excited at 401 nm by the Violet laser (405 nm) and has an emission maximum of 421 nm.



Alexa Fluor® 405

LASER (nm)	FILTER
Violet (405)	450/45
EXCITATION MAX (nm)	EMISSION MAX (nm)
401	421



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Products Related to NBP2-33080AF405

IC002V	Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 405]
NBP2-13872PEP	CD35 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
5748-CD-050	CD35

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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