Product Datasheet

Complement C4d Antibody (SPM545) [DyLight 650] NBP2-34421C

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-34421C

Complement C4d Antibody (SPM545) [DyLight 650]

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 SPM545 Preservative 0.05% Sodium Azide Isotype IgG1 Kappa Conjugate DyLight 650 Purity Protein A or G purified Buffer 50mM Sodium Borate 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 Mouse Gene ID 720 Gene Symbol C4A Species Human Marker Acute Humoral Rejection Marker Specificity/Sensitivity This monoclonal antibody is specific to Complement 4d (C4d) and it reacts with the secreted as well as cell-bound C4d. C4d is a degradation product of the activated complement factor C4b. Complement 4b is typically activated by binding of Abs to specific target molecules. Following activation and degradation of the C4 molecule, thio-sets groups are exposed, which allow transient, covalent binding of the degradation product of the activated complement 4 factor C4b. Complement 4 bis typically activated by binding of Abs to specific target molecules. Following activation and degradation of the C4 molecule, thin-sets groups are exposed, which allow transient, covalent binding of the degradation product Omplement 4d to endothelial cell surfaces and extracellular matrix components of vascular basement membranes near the sites of C4 activation. The presence of C4d in peritubular capillaries is a key indicator for acute humoral (i.e. antibody-mediated) rejection of kindey, heart, pancreas and betteeted in peritubular capillaries in chronic renal allograft rejection, acute vascular rejection, acute vascular rejection, acute vascular rejection, and borderine rejection. It has been shown to be a significant predictor of transplant kidney graft survival. Anti-C4d, combined with anti-C3d, can be utilized as a tool for diagnosis of allograft rejection that may warrant a prompt and ag	Comproment Cital and Cay (C	
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Preservative IgG1 Kappa I	Clonality	Monoclonal
IgG1 Kappa	Clone	SPM545
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Buffer SomM Sodium Borate	Conjugate	DyLight 650
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Species	Host	Mouse
Marker Acute Humoral Rejection Marker	Gene ID	720
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DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.	Immunogen	Recombinant human Complement C4d protein

Product Application Details

Applications Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin



Recommended Dilutions

Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin





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NBP1-43319C Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 650]

210-TA-005 TNF-alpha [Unconjugated]
DIP100 CXCL10/IP-10/CRG-2 [HRP]

MAB1455 Albumin Antibody (188835) [Unconjugated] - Serum

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