

# Product Datasheet

## CD173 Antibody (A51-B/A6) [Alexa Fluor® 750] NBP3-14046AF750

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-14046AF750**

CD173 Antibody (A51-B/A6) [Alexa Fluor® 750]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	A51-B/A6
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgA
<b>Conjugate</b>	Alexa Fluor 750
<b>Purity</b>	PEG purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Species</b>	Human
<b>Reactivity Notes</b>	Others not known.
<b>Specificity/Sensitivity</b>	This antibody reacts with H type 2 blood group epitope Fuca1-2 Galb1-4 GlcNAc. It does not cross-react with human blood group H type 1, 3 or 4, nor with the closely related type 2 antigen Ley and Lex. Blood-group antigens are generally defined as molecules formed by sequential addition of saccharides to the carbohydrate side chains of lipids and proteins detected on erythrocytes and certain epithelial cells. The A, B and H antigens are reported to undergo modulation during malignant cellular transformation. Blood group related antigens are usually mucin-type and are detected on erythrocytes, certain epithelial cells and in secretions of certain individuals. Sixteen genetically and biosynthetically distinct but inter-related specificities belong to this group of antigens, including A (1 and 2), B, H (1 and 2), M, N, Lewis A, Lewis B, Lewis X, Lewis Y and precursor type 1 chain antigens. The expressions of the H1 and H2 in different cell types are controlled by different genes.
<b>Immunogen</b>	Human breast cancer MCF-7 cells

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<b>Product Application Details</b>	
<b>Applications</b>	Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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