

Blood Group Antigen H Type 2 (CD173) Antibody

Mouse Monoclonal Antibody [Clone A51-B/A6]

Catalog No	Format	Size
28-MSM3-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
28-MSM3-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
28-MSM3-P2	Purified Ab with BSA and Azide at 200ug/ml	200 ug

Applications	Tested Dillution	Note
Immunofluorescence (IF)	1-3ug/ml	

Product Details	
Clone	A51-B/A6
Gene Name	ABO
Immunogen	Human breast cancer MCF-7 cells
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgA
Mol. Weight of Antigen	Multiple
Cellular Localization	Golgi apparatus, Golgi stack membrane, Secreted
Species Reactivity	Human
Positive Control	KG1 cells or human colorectal carcinoma tissues.

*Optimal dilution for a specific application should be determined.

Product Images for Blood Group Antigen H Type 2 (CD173) Antibody

Specificity & Comments

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.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Cardiovascular