Blood Group H2 Antibody / ABO [clone A51-B/A6] (V8857)

Catalog No.	Formulation	Size
V8857-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V8857-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V8857SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgA
Clone Name	A51-B/A6
Purity	Protein affinity
UniProt	P16442
Localization	Cell Surface
Applications	Immunofluorescence : 2-4ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This Blood Group H2 antibody is available for research use only.

Description

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 trans- formation. 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 con- trolled by different genes.

Application Notes

Optimal dilution of the Blood Group H2 antibody should be determined by the researcher.

Immunogen

Human breast cancer MCF-7 cells were used as the immunogen for the Blood Group H2 antibody. This antibody reacts with H type 2 blood group epitope Fuca1-2 Galb1-4 GlcNAc.

Storage

Aliquot the Blood Group H2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.