

Monoclonal Antibody to Human Blood Group Antigen H (H2, Le-y, Le-b)

Catalog No.:	DM3014
Quantity:	0.15 mg
Concentration:	0.3 mg/ml
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	B389
Immunogen:	Neuraminidase-treated live cells of the T-47D breast carcinoma cell lines
Applications:	<p>Immunohistochemistry: 1/50 - 1/100. This antibody can be used on formalin-fixed, paraffin embedded tissue sections. Prolonged fixation in buffered formalin can destroy the epitope. It is recommended that this product be used on frozen tissue sections or specimens. Recommended positive control: Brain.</p> <p>Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user.</p> <p>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Specificity:	<p>This antibody is specific for epitope Fuca1-2 Gal and detects blood group antigens H, H2, Ley and Leb. There is no cross-reactivity with blood group antigens A, B, Lea and Lex. The specificity of this antibody closely resembles that of MAb clone M/A 15-5.</p> <p>Species reactivity: human - others not tested.</p>
Storage:	<p>Store the antibody at 4°C. Do not freeze! Shelf life: one year from despatch.</p> <p>Aliquoting Instructions: Do not dilute the entire solution at once since the diluted antibody may have reduced stability.</p> <p>Withdraw aliquots as needed with a micropipette and keep concentrated stock at 4°C.</p> <p>Dilute according to the particular application being used. In general, the 0.05M borate pH 8.0 containing 0.15M sodium chloride, 0.02% sodium azide, is a good diluent to use with most antibodies.</p>
General Readings:	1. Karsten, U. et al., Differentiation