

Monoclonal Antibody to CD139 - Purified

Catalog No.:	AM01049PU-T
Quantity:	25 µg
Concentration:	1.0mg/ml
Background:	CD139 is found on peripheral blood B cells, monocytes and granulocytes, and is weakly expressed on erythrocytes. It is also expressed on the smooth muscle of some blood vessels. Its function is not known.
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	Bu30
Format:	State: Liquid purified IgG Purification: Affinity chromatography on Protein G Buffer System: Phosphate buffered saline pH7.4. containing 0.09% Sodium Azide
Applications:	Immunohistochemistry on frozen sections. Immunoprecipitation. Flow Cytometry: 1/10 - 1/50; use 10µl of the suggested working dilution to label 1x10 ⁶ cells in 100µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises CD139, a 228kD molecule expressed by germinal centre B cells, follicular dendritic cells and the follicular mantle. Smooth muscle of some blood vessels is also stained in some cases. Species: Human. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Caution:	(A full Health and Safety assessment is available upon request) This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.