

Monoclonal Antibody to BU-1A / B6.1 - FITC

Alternate names:	B-Cell Marker, BU-1 Allele A
Catalog No.:	AM08134FC-N
Quantity:	0.5 mg
Concentration:	0.5 mg/ml
Background:	Chicken Bu-1a, a product of the Bu-1a allele, is expressed on the cell surface as a disulfide-linked homodimer. In 10-week-old H.B15 and H.B2 chickens, Bu-1 is found on 85-90% of bursal cells, 2-8% of thymocytes, 15-27% of spleen cells, and 2-18% of peripheral blood cells. It is also expressed on subsets of macrophages and monocytes, but not on granulocytes, erythrocytes or thrombocytes. In Chickens heterozygous for the Bu-1 alleles (Bu-1a/b), Bu-1a does not exhibit allelic exclusion.
Uniprot ID:	Q90746
NCBI:	NP_990513.1
GeneID:	396098
Host / Isotype:	Mouse / IgG1
Clone:	21-1A4
Immunogen:	Bursal cells from one-day-old H.B15 (Bu-1a/b) strain chickens.
Format:	State: Liquid purified Ig fraction. Buffer System: PBS containing 0.09% Sodium Azide as preservative. Label: FITC – Fluorescein Isothiocyanate Isomer 1
Applications:	Flow Cytometry: < / = 1 µg/10e6 cells. (Ref.1) Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes Chicken Bu-1a alloantigen (Mr. 70 kDa). It does not react with cells from CHA and H.B15 strains by Immunofluorescence. Species: Chicken. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or in (aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Veroma, T., O. Vainio, E. Eerola, and P. Toivanen. 1988. Hybridoma 7:41. 2. Houssaint, E., E. Diez, and J.R. Pink. 1987. Immunol. 62:463. 3. Vainio, O. 1998. Personal communication.