

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

Alternate names:	B-Cell Marker, BU-1 Allele A
Catalog No.:	AM01028FC-N
Quantity:	0.1 mg
Concentration:	0.1 mg/ml
Background:	<p>Bu-1a is a 70kD alloantigen expressed on B cells and a subset of macrophages. Reports suggest that Bu-1 is expressed on B cell precursors at early stages of development. Weak cross-reactivity with Bu-1b may be seen at higher antibody levels. This may be removed by appropriate titration.</p> <p>Spleen cells from immunised Balb/c mice were fused with cells of the mouse SP2/0-Ag14 myeloma cell line.</p>
Uniprot ID:	Q90746
NCBI:	NP_990513.1
GeneID:	396098
Host / Isotype:	Mouse / IgG1
Clone:	L22
Immunogen:	Chicken Bursa cells Genename: BU-1A
Format:	State: Liquid purified Ig Purification: Affinity chromatography on Protein G Buffer System: BPS, pH 7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: FITC
Applications:	Flow Cytometry: 1/20 - 1/80; Use 10ul of the suggested working dilution to label 106 cells in 100ul. Method sheets are available on request. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	MCA2170F recognises the 'a' allele of the polymorphic cell surface antigen Bu-1. Species: Chicken. Other species not tested.
Storage:	Store at +4oC or at -20oC if preferred. This product should be stored undiluted. Avoid repeated freezing and thawing. Storage in frost-free freezers is not recommended. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf life: one year from despatch.
General Readings:	1. Houssaint E, Lassila O, Vainio O. Bu-1 antigen expression as a marker for B cell precursors in chicken embryos. Eur J Immunol. 1989 Feb;19(2):239-43. PubMed PMID:

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Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
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