

## Acris Antibodies, Inc.

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AM01028FC-N

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## 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

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.

Spleen cells from immunised Balb/c mice were fused with cells of the mouse SP2/0-Ag14

myeloma cell line.

Uniprot ID: Q90746

NCBI: <u>NP\_990513.1</u>

GenelD: <u>396098</u>

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.

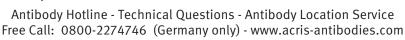
Shelf life: one year from despatch.

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:

For research and in vitro use only. Not for diagnostic or therapeutic work.

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









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