Datasheet: MCA5764

**Product Details**

Description: MOUSE ANTI CHICKEN Bu-1a/b  
Specificity: Bu-1a/b  
Other names: BURSAL ANTIGEN 1 A/B  
Format: Purified  
Product Type: Monoclonal Antibody  
Clone: AV20  
Isotype: IgG1  
Quantity: 0.25 mg

**Applications**

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<th>Application</th>
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<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

**Target Species**

Chicken

**Species Cross Reactivity**

Does not react with: Quail, Turkey, Guinea Fowl

**Product Form**

Purified IgG - liquid

**Preparation**

Purified IgG prepared by ion exchange chromatography from tissue culture supernatant

**Buffer Solution**

Borate buffered saline

**Preservative**

0.09% Sodium Azide (NaN₃)
Stabilisers

Approx. Protein Concentrations

| IgG concentration | 0.5mg/ml |

Immunogen

| Bursal cells from day old H.B15 (Bu-1a/b) chickens. |

External Database Links

| UniProt: | Related reagents |
| Q90747 | Related reagents |
| Q90746 | Related reagents |

RRID

| AB_10720221 |

Specificity

Mouse anti ChickenBu-1a/b antibody, clone AV20 recognizes Chicken Bu-1a/b, also known as chB6, a type 1 transmembrane protein.

Bu-1 is a product of two alleles, Bu-1a and Bu-1b, clone AV20 recognizes both alleles. The Bu-1 antigen is expressed by chicken B-cells throughout most of their development and by a subset of monocytes and macrophages. The antigen is absent from erythrocytes, granulocytes and thrombocytes. In addition to clone AV20, clone L22 that recognizes Bu-1a but not Bu-1b is available.

Flow Cytometry

Use 10ul of the suggested working dilution to label 1x10^6 cells in 100ul.

References

5. Tregaskes, C.A. et al. (1996) Chicken B-cell marker chB6 (Bu-1) is a highly glycosylated protein of unique structure. Immunogenetics. 44 (3): 212-7.
Storage

Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

12 months from date of despatch

Health And Safety Information


Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...) RPE
Rabbit Anti Mouse IgG (STAR9...) FITC
Goat Anti Mouse IgG (H/L) (STAR117...) FITC, HRP