

Product datasheet for **AM08134FC-N**

LOC396098 Mouse Monoclonal Antibody [Clone ID: 21-1A4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	21-1A4
Applications:	FC
Recommended Dilution:	Flow Cytometry: < / = 1 µg/10e6 cells. (Ref.1)
Reactivity:	Chicken
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Bursal cells from one-day-old H.B15 (Bu-1a/b) strain chickens.
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.
Formulation:	PBS containing 0.09% Sodium Azide as preservative. Label: FITC State: Liquid purified Ig fraction. Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Conjugation:	FITC
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.
Stability:	Shelf life: one year from despatch.
Gene Name:	B6.1
Database Link:	Entrez Gene 396098 Chicken Q90746



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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.

Synonyms: B-Cell Marker