

## Product datasheet

# Anti-Bu1a + Bu1b antibody [AV20] (Phycoerythrin) ab25437

### 1 References

#### 概述

产品名称	Anti-Bu1a + Bu1b抗体[AV20] (Phycoerythrin)
描述	小鼠单克隆抗体[AV20] to Bu1a + Bu1b (Phycoerythrin)
偶联物	Phycoerythrin. Ex: 488nm, Em: 575nm
特异性	ab25437 recognises Bu1a and Bu1b.
经测试应用	适用于: Flow Cyt, IHC-Fr, IP
种属反应性	与反应: Chicken 不与反应: Turkey
免疫原	Tissue/ cell preparation: Bursal cells from one day old H.B15 (Bu 1a/b) strain chickens.

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	Preservative: 0.09% Sodium Azide Constituents: 16% Sucrose, PBS; Stabilizing agent
纯度	IgG fraction
克隆	单克隆
克隆编号	AV20
同种型	IgG1
轻链类型	kappa

#### 应用

Our [Abpromise guarantee](#) covers the use of **ab25437** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
Flow Cyt		

应用	Ab评论	说明
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IHC-Fr

IP

#### 应用说明

Flow Cyt: Use 0.2µg for 10<sup>6</sup> cells.

IHC-Fr: Use at an assay dependent dilution.

Note: samples need to be acetone fixed.

IP: Use at an assay dependent dilution.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

#### 靶标

#### 相关性

The Bu1 [chB6] molecule is expressed on chicken B cells throughout most of their development, as well as on some non lymphoid cells. It has long been used as an allotypic marker in important studies of B cell development, though its function is unknown. It has no recognizable similarity to known mammalian molecules and thus represents a unique B cell marker. Its presence in chickens may be related to differences in the properties of B cell development between chickens and mammalian species. The sequences of the different alleles of this gene revealed a higher level of polymorphism than expected. A restriction fragment length polymorphism linked to the CHB6 gene has been used to determine its location on the linkage map of the chicken genome, which will allow the definitive evaluation of reported associations with disease resistance. Bu1 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.

#### 细胞定位

Type I membrane protein.

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