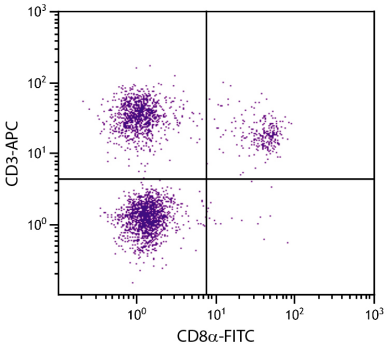
SouthernBiotech

Mouse Anti-Chicken CD3

Cat. No.	Format	Size
8200-01	Purified (UNLB)	0.5 mg
8200-02	Fluorescein (FITC)	0.5 mg
8200-08	Biotin (BIOT)	0.5 mg
8200-09	R-phycoerythrin (PE)	0.1 mg
8200-11	Allophycocyanin (APC)	0.1 mg
8200-13	Spectral Red® (SPRD)	0.1 mg
8200-26	Pacific Blue™ (PACBLU)	0.1 mg
8200-27	Alexa Fluor® 700 (AF700)	0.1 mg
8200-30	Alexa Fluor® 488 (AF488)	0.1 mg
8200-31	Alexa Fluor® 647 (AF647)	0.1 mg



Chicken peripheral blood lymphocytes were stained with Mouse Anti-Chicken CD3-APC (SB Cat. No. 8200-11) and Mouse Anti-Chicken CD8α-FITC (SB Cat. No. 8220-02).

Overview

Clone CT-3
Isotype Mouse (BALB/c) $IgG_1\kappa$
Immunogen Chicken thymocytes and Ig- blood mononuclear cells
Specificity Chicken/Pigeon CD3; Mr 20, 19 & 17 kDa
Alternate Name(s) T3/TCR complex

Description

CD3 is a member of the T cell receptor-associated CD3 complex. The monoclonal antibody CT-3 recognizes a complex of at least three polypeptides of Mr 20, 19, and 17 kDa (two of which are N-glycosylated) on chicken T cells. The antibody also coprecipitates a polypeptide of 90 kDa from digitonin solubilized T cell lysates, which can be reduced to two polypeptides of Mr 50 and 40 kDa.

Applications

FC – Quality tested [1,5,10-18]
IHC-FS – Reported in literature [2-8]
IHC-PS – Reported in literature [9]
IP – Reported in literature [1]
Stim – Reported in literature [1]

Working Dilutions

Flow Cytometry	FITC, BIOT, AF488, and PACBLU conjugates	≤ 1 μg/10^6 cells
	PE conjugate	≤ 0.3 μg/10^6 cells
	SPRD conjugate	≤ 0.2 μg/10^6 cells
	AF700, AF647, and APC conjugates	≤ 0.1 μg/10^6 cells
	For flow cytometry, the suggested use of these reagents is in a final volume of 100 μL	
Other Applications	Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.	

For Research Use Only. Not for Diagnostic or Therapeutic Use.

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Handling and Storage

- The purified (UNLB) antibody is supplied as 0.5 mg of purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added*. Store at 2-8°C.
- The fluorescein (FITC) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN_3. Store at 2-8°C.
- The biotin (BIOT) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN_3. Store at 2-8°C.
- The R-phycoerythrin (PE) and allophycocyanin (APC) conjugates are supplied as 0.1 mg in 1.0 mL of PBS/NaN_3 and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Spectral Red® (SPRD) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/NaN_3 and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Alexa Fluor® 488 (AF488), Alexa Fluor® 647 (AF647), Alexa Fluor® 700 (AF700), and Pacific Blue™ (PACBLU) conjugates are supplied as 0.1 mg in 0.2 mL of PBS/NaN_3. Store at 2-8°C.
- Protect fluorochrome-conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.

Warning

Some reagents contain sodium azide. Please refer to product specific SDS.

References

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