

## Product datasheet for **SM576P**

### CD3 Mouse Monoclonal Antibody [Clone ID: CT-3]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	CT-3
Applications:	FC, IHC, IP
Recommended Dilution:	<b>Flow Cytometry:</b> Use 50 µl of 1/50 diluted antibody to label 1 <sup>0</sup> cells in 100 µl. <b>Immunoprecipitation.</b> <b>Immunohistochemistry on Frozen Sections.</b>
Reactivity:	Chicken
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Chicken thymocytes and Ig <sup>-ve</sup> peripheral blood mononuclear cells. Lymph node cells from immunised BALB/c mice were fused with cells from the mouse P3-X63Ag8.653 myeloma cell line.
Specificity:	This antibody recognises the Chicken CD3 cell surface antigen, a complex of at least three polypeptides of 20, 19 and 17kD expressed by T cells. The antibody also co-precipitates a 90kD heterodimer from digitonin solubilized T cell lysates, which can be reduced to two polypeptides of 40kD and 50 kD.
Formulation:	Borate buffered saline State: Purified State: Liquid purified IgG fraction Stabilizer: None Preservative: None
Concentration:	lot specific
Purification:	Ion Exchange Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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**Database Link:** [Q98910](#)

**Background:** In the chicken, CD3 is expressed by approximately 30% of thymocytes, 70% of peripheral blood mononuclear cells, but less than 1% of cells in the bursa and bone marrow.

**Synonyms:** T3/Leu-4