

Product datasheet for **SM2271P**

CD4 Mouse Monoclonal Antibody [Clone ID: Du CD4-2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	Du CD4-2
Applications:	FC, IP
Recommended Dilution:	Flow Cytometry. Immunoprecipitation.
Reactivity:	Duck
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	293T cells expressing Pekin duck CD4. Spleen cells from immunised Balb/c mice were fused with cells of the SP2/0 mouse myeloma cell line.
Specificity:	This antibody recognises CD4. Clone Du CD4-2 can be used to identify duck T helper cells.
Formulation:	PBS containing 0.09% Sodium Azide as preservative. State: Purified State: Liquid purified IgG fraction.
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G.
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.
Database Link:	Q50EU7



[View online »](#)

Background:

CD4 is shown to be expressed by thymocytes, splenocytes and peripheral lymphoid cells. Since the majority of avian immune studies have been carried out on chickens, relatively little is known about the immune system of ducks, though there is a resemblance between the main lymphoid organs, the spleen, thymus and bursa of Fabricius. At the cellular level, studies have shown that like mammalian T cells, duck lymphocytes are responsive to phytohaemagglutinin (PHA), and all cells reacting with clone Du CD4-2 have been identified as CD3+ T cells. (1)

Synonyms:

T4/Leu-3