

Product datasheet for **SM409F**

CD4 Rat Monoclonal Antibody [Clone ID: YKIX302.9]

Product data:

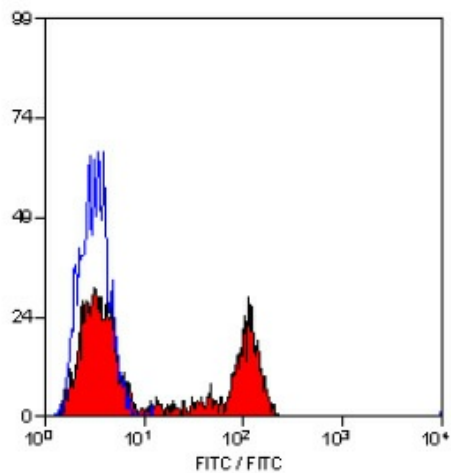
Product Type:	Primary Antibodies
Clone Name:	YKIX302.9
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of 1/50-1/100 diluted antibody to label 10 ⁶ cells or 100 µl whole blood.
Reactivity:	Canine
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Canine Concanavilin A activated T-cell blasts.
Specificity:	This antibody Clone YKIX302.9 recognises the Canine CD4 cell surface antigen. The antibody has been shown to block MHCII dependent T cell responses <i>in vivo</i> and <i>in vitro</i> . In the Dog CD4 is expressed by neutrophils as well as by lymphocytes subsets.
Formulation:	PBS Label: FITC State: Liquid purified IgG fraction Stabilizer: 1% BSA Preservative: 0.09% Sodium Azide Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	FITC
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Database Link:	P33705
Background:	In the dog CD4 is expressed by neutrophils as well as by lymphocytes subsets.



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Synonyms: T-cell surface antigen T4/Leu-3

Product images:



Staining of Canine peripheral blood lymphocytes with Rat Anti Canine CD4 Antibody - FITC