

## Product datasheet for **SM409R**

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

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	YKIX302.9
Applications:	FC
Recommended Dilution:	<b>Flow Cytometry:</b> Use 10 µl of Neat-1/10; diluted antibody to label 10 <sup>6</sup> 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 recognises the 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> .
Formulation:	PBS Label: PE State: Lyophilized purified IgG Stabilizer: 1% BSA Preservative: 0.09% Sodium Azide Label: R. Phycoerythrin (RPE)
Reconstitution Method:	Restore with 1.0 ml distilled water
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	PE
Storage:	Prior to and following reconstitution store the antibody at 2-8°C. <b>DO NOT FREEZE!</b> This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Database Link:	<a href="#">P33705</a>
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