

Product datasheet

anti-CD3 mouse monoclonal, RIV9, purified

Short overview

Cat. No.	691551
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG3 kappa
Clone	RIV9
Immunogen	Human peripheral lymphocytes
Formulation	PBS with 0.02% sodium azide
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	ELISA, FACS, ICC/IF, IHC
Reactivity	Human, Mouse, Rat

Applications

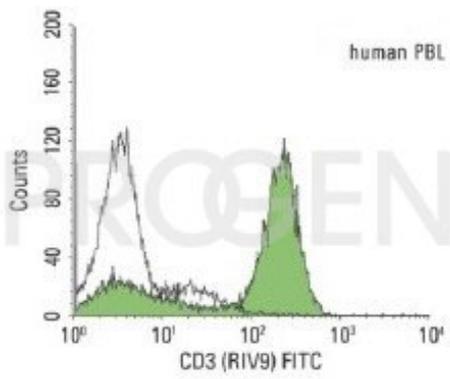
ELISA	Assay dependent
Flow Cytometry (FACS)	0.5-1.0 µg/million cells in 0.1 ml
Immunocytochemistry (ICC)	1:100-1:200 (0.5-1.0 µg/ml)
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)

Background

RIV9 reacts with the TCR/CD3 complex on T-cells. Primary signals received through this complex determine the specificity of immune reactions by selecting particular antigen/MHC-responsive clones. CD3 is of variable mass with five invariable chains (25-28, 20 and 16 kDa). RIV9 was used for research in vivo in humans because it is of the unusual IgG3 subtype.

Positive control: human tonsil.

Product images



FACS with human peripheral blood lymphocytes (PBLs)