

## OriGene Technologies Inc.

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## SM1024F OriGene EU

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## Monoclonal Antibody to Kappa Light Chain - FITC

Catalog No.:	SM1024F
Quantity:	1 mg
Concentration:	1.0 mg/ml
Host / Isotype:	Rat / IgG2b
Clone:	OX-20
Immunogen:	Purified mouse IgG
Format:	State: Liquid purified IgG Purification: Ion exchange chromatography Buffer System: PBS, pH 7.2, containing 0.09% sodium azide Label: FITC – Fluorescein Isothiocyanate Isomer 1
Applications:	Flow cytometry (1/10 - 1/50): use 10 $\mu$ l of the suggested working dilution to label 10e6 cells in 100 $\mu$ l. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody binds to mouse B lymphocytes, mouse IgM and mouse IgG monoclonal antibodies and recognises mouse Ig kappa chains. In ELISA assay no binding to murine lambda chains is seen.
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. This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
General Readings:	Galfre, G., Milstein, C. & Wright, B. (1979). Nature 277:131-133. Rat x rat hybrid myelomas and a monoclonal anti-Fd portion of mouse IgG.



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