

## Monoclonal Antibody to Kappa Light Chain - FITC

<b>Catalog No.:</b>	SM1024F
<b>Quantity:</b>	1 mg
<b>Concentration:</b>	1.0 mg/ml
<b>Host / Isotype:</b>	Rat / IgG2b
<b>Clone:</b>	OX-20
<b>Immunogen:</b>	Purified mouse IgG
<b>Format:</b>	<b>State:</b> Liquid purified IgG <b>Purification:</b> Ion exchange chromatography <b>Buffer System:</b> PBS, pH 7.2, containing 0.09% sodium azide <b>Label:</b> FITC – Fluorescein Isothiocyanate Isomer 1
<b>Applications:</b>	Flow cytometry (1/10 - 1/50): use 10 µl of the suggested working dilution to label 10e6 cells in 100 µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	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.
<b>Storage:</b>	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.
<b>General Readings:</b>	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.