

## Product Datasheet

# Sheep Mouse Ig kappa light chains (free and bound), conjugated with FITC Antibody (orb21410)

<b>Catalog Number</b>	orb21410
<b>Category</b>	Antibodies
<b>Description</b>	Fluorescein isothiocyanate-conjugated IgG fraction of polyclonal sheep antiserum to free and bound mouse Ig kappa light chain. This conjugate is intended for use in direct immunofluorescence for the detection of polyclonal immunoglobulins, purified monoclonal immunoglobulins of the kappa type as well as free light chains or Bence Jones proteins of the kappa type in serum or other body fluids. This immunoconjugate is not pre-diluted. The optimum working dilution of each conjugate should be established by titration before being used. Excess labelled antibody must be avoided because it may cause high unspecific background staining and interfere with the specific signal. Working dilutions are usually between 1:10 and 1:40.
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Sheep
<b>Conjugation</b>	FITC
<b>Reactivity</b>	Mouse
<b>Form/Appearance</b>	Fluorochrome coupled purified sheep IgG lyophilized from a solution in phosphate buffered saline (pH 7.2). No preservative added, as it may interfere with the antibody activity.
<b>RRID</b>	AB_10926146
<b>Specificity</b>	Fluorescein isothiocyanate-conjugated IgG fraction of polyclonal Sheep antiSerum to free and bound Mouse Ig kappa light chain.
<b>Antibody Type</b>	Secondary Antibody

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713-2847  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

<b>Source</b>	A pool of purified Bence Jones kappa proteins isolated from mouse urine. Freund's complete adjuvant is used in the first step of the immunization procedure.
<b>Storage</b>	The lyophilized product is shipped at ambient temperature and may be stored at +4°C; prolonged storage at or below -20°C. Prior to use, an aliquot is thawed slowly at ambient temperature, spun down again and used to prepare working dilutions by adding sterile phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. Working dilutions should be stored at +4°C, not refrozen, and preferably used the same day. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the product.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713-2847  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)