

Product Datasheet

Sheep Mouse IgG2a (1a allotype specific), conjugated with FITC Antibody (orb22106)

Catalog Number	orb22106
Category	Antibodies
Description	Fluorescein isothiocyanate-conjugated IgG fraction of polyclonal sheep antiserum to Mouse IgG2a(1a), allotype specific. In immunocytochemical and immunohistochemical staining for the detection of IgG2a(1a) at the cellular and subcellular level. In non-isotopic assay methodology (e.g. ELISA and Western blotting) to identify and measure IgG2a(1a) in mouse serum or other body fluids. This immunoconjugate is not pre-diluted. Its optimum working dilution should be established by titration. Excess labelled antibody may by itself cause high unspecific background staining or interfere with the specific signal. Working dilutions are usually between 1:10 and 1:40. These data should be interpreted as general recommendations only.
Clonality	Polyclonal
Species/Host	Sheep
Conjugation	FITC
Reactivity	Mouse
Form/Appearance	Fluorochrome-coupled hyperimmune IgG fraction, lyophilized from a solution in phosphate buffered saline (pH7.2). No preservative added, as it may interfere with the antibody activity.
RRID	AB_10931894
Specificity	Fluorescein isothiocyanate-conjugated IgG fraction of polyclonal Sheep antiSerum to Mouse IgG2a(1a), allotype specific.
Antibody Type	Secondary Antibody

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Source	Highly purified normal homogenous IgG2a(1a) isolated from mouse serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Storage	The lyophilized conjugate 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 in the dark 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 immunoconjugate.
Note	For research use only
Expiration Date	12 months from date of receipt.

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