

Product datasheet

Anti-IgG2α antibody [KT92] ab166970

Overview

Product name	Anti-IgG2α antibody [KT92]
Description	Rat monoclonal [KT92] to IgG2α
Host species	Rat
Tested applications	Suitable for: WB, ELISA
Species reactivity	Reacts with: Mouse
Immunogen	Mouse IgG2α.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.1% Sodium azide Constituent: 99% PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	KT92
Isotype	IgG2c

Applications

Our [Abpromise guarantee](#) covers the use of **ab166970** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration.
ELISA		Use a concentration of 1 µg/ml.

Target

Relevance

There are four IgG subclasses (IgG1, 2, 3 and 4) in humans, named in order of their abundance in serum (IgG1 being the most abundant). The IgG2a Ig subclass plays a critical role in the pathogenesis of humoral auto-immunity and protection against pathogens.

Cellular localization

Secreted

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