abcam

Product datasheet

Goat Anti-Human IgG (Fab')2 (HRP) ab87422

6 References 1 Image

Overview

Product name	Goat Anti-Human IgG (Fab')2 (HRP)
Host species	Goat
Target species	Human
Specificity	ab87422 is specific for the Fab and F(ab')2 portion of human IgG by IEP. It reacts with other human immunoglobulins through common light chain reactivity.
Tested applications	**Suitable for:** ELISA, WB
Immunogen	Other Immunogen Type corresponding to IgG. Human serum.
Conjugation	HRP

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 0.01% Thimerosal (merthiolate) Constituents: 0.1% BSA, PBS
Purity	Protein G purified
Purification notes	This antibody has been cross adsorbed against the Fc domain and will react with less than 1 % of the Fc domain of human IgG.
Clonality	Polyclonal
Isotype	IgG

Applications

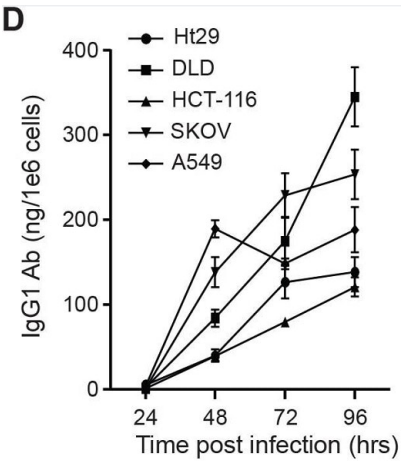
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab87422 in the following tested applications.

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

Application	Abreviews	Notes
ELISA		1/1000 - 1/10000.

Application	Abreviews	Notes
WB		1/1000 - 1/10000.

Images



ELISA - Goat Anti-Human IgG (Fab')2 (HRP) (ab87422)

Marino et al PLoS One. 2017 May 18;12(5):e0177810. doi: 10.1371/journal.pone.0177810. eCollection 2017. Fig 5. Reproduced under the Creative Commons license http://creativecommons.org/licenses/by/4.0/

Characterisation of virus activity and functional expression of monoclonal antibodies.

(Panel D) IgG1 antibody expression, assessed by anti-IgG1 ELISA, in cellular supernatants of carcinoma cell lines infected for 24-96hrs with NG-135 at 1ppc.

Media was removed from infected or control cells, clarified by centrifugation and diluted 1 in 2 in 3% BSA/PBS for storage at -20°C. For quantification of human IgG1, 96 well plates were coated overnight, 4°C, with mouse monoclonal anti-human IgG1 Fc antibody (**ab1927**, Abcam) at a 1:1000 dilution in carbonate/bicarbonate buffer. Plates were blocked in 3% BSA/PBS, washed and samples and standards added to the plate for 1 hr and RT. Secondary detection was carried out using a HRP conjugated goat anti-human IgG Fab (ab87422, Abcam) incubated for 1 hr, RT.

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