

Product datasheet

Goat Anti-Rat IgG H&L ab182018

[1 References](#) [1 Image](#)

Overview

Product name	Goat Anti-Rat IgG H&L
Host species	Goat
Target species	Rat
Specificity	The antibody reacts with rat immunoglobulins of all classes. Cross-reactions as determined by ELISA (see figure below): Chicken IgY, rabbit IgG and human IgG, less than 2%. Mouse IgG, less than 7%.
Tested applications	Suitable for: ELISA, IP, WB, IHC-P
Immunogen	The details of the immunogen for this antibody are not available.

Properties

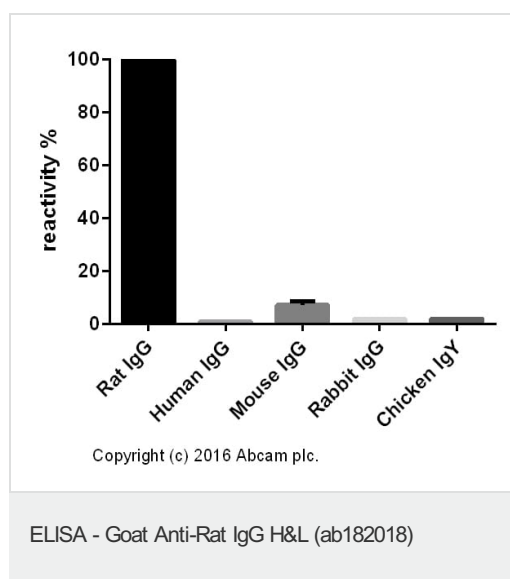
Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
Purity	Affinity purified
Purification notes	Immunogen affinity purified - This antibody was isolated by affinity chromatography using antigen coupled to agarose beads.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab182018 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		1/20000 - 1/200000.
IP		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.

Images



Cross-reactivity of the polyclonal secondary antibody ab182018 was tested using a sandwich ELISA approach. The wells were coated with the indicated IgG standards at 1 µg/ml (50 µl/well), and incubated overnight at 4°C, followed by a 5% BSA blocking step for 2h at RT. ab182018 was then added starting at 1 µg/ml and gradually diluted 1:4 (50 µl/well), followed by incubation for 2h. For the detection Donkey anti-Goat IgG H&L (HRP) (ab6885) was used at 1:20,000 dilution (50 µl/well), followed by incubation for 1h at RT.

For the batch tested, ab182018 showed a cross-reactivity 7% toward mouse IgG and below 2% towards rabbit IgG, human IgG and chicken IgY.

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