Rabbit Anti-Mouse IgG H&L (HRP) ab6728

**Product name**
Rabbit Anti-Mouse IgG H&L (HRP)

**Description**
Rabbit polyclonal Secondary Antibody to Mouse IgG - H&L (HRP)

**Host species**
Rabbit

**Target species**
Mouse

**Tested applications**
Suitable for: Dot blot, ELISA, IHC-P, IHC-Fr, Immunomicroscopy, ICC/IF, WB

**Immunogen**
Mouse IgG whole molecule

**Conjugation**
HRP

**Form**
Liquid

**Storage instructions**
Shipped at 4°C. Store at +4°C.

**Storage buffer**
pH: 7.20
Preservative: 0.01% Gentamicin sulphate
Constituents: 0.42% Potassium phosphate, 0.87% Sodium chloride, 1% BSA

**Purity**
Affinity purified

**Purification notes**
This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose beads.

**Conjugation notes**
Horseradish Peroxidase (HRP)

**Clonality**
Polyclonal

**Isotype**
IgG

**General notes**
Many of our customers have reported seeing brown precipitates in the vials. The brown precipitates are very common with HRP conjugated antibodies; we suggest vortexing the vial and using this antibody as normal. Our customer’s feedback says the antibody worked great. If in case the antibody fails to give results then please contact our Scientific Support team for assistance.

**Applications**
Our Abpromise guarantee covers the use of **ab6728** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
Distribution, expression and correlation of IL-22 cells with liver fibrosis in the liver.

Immunohistochemistry double staining identities IL-22 cells were produced by CD4 cells in liver tissue (Panel B).

Black arrows indicate double-positive cells.

Paraffin-embedded, formalin-fixed human liver tissues were incubated with anti-IL-22 (ab18499) or α-SMA antibody (ab7817) overnight at 4°C followed by heat mediated antigen retrieval with sodium citrate buffer (pH 6.0, 0.1 mol/L) for 20mins and blocking endogenous peroxidase activity with 0.3% H2O2. Revelation of primary antibody was carried out using horseradish peroxidase (HRP)-conjugated rabbit polyclonal anti-mouse (ab6728), secondary antibody followed by diaminobenzidine (DAB) and haematoxylin coloration. Double staining was performed with 3-amino-9-ethyl-carbazole (red color) for IL-22 and BCIP/NBT (indigo color) for CD4.

Positively stained cells were counted at high-power field (hpf, ×400) according to described protocols.

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Images

CD4/IL-22

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Rabbit Anti-Mouse IgG H&L (HRP) (ab6728)

Gao et al PLoS One. 2016 Apr 28;11(4):e0154419. doi: 10.1371/journal.pone.0154419. eCollection 2016. Fig2. Reproduced under the Creative Commons license http://creativecommons.org/licenses/by/4.0/
ab6728 was used at dilution 1/500 with the primary antibody ab3089 in IHC-Fr (PFA perfusion). See the review on ab3089.

ab6728 was used at dilution 1/2000 with the primary antibody ab72009 in WB. See the review on ab72009.
ab81785 staining LC3A/B in Mouse kidney tissue sections by Immunohistochemistry (IHC-P - formaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 5% protein block for 5 minutes at room temperature; antigen retrieval was by heat mediation. Samples were incubated with primary antibody (1/50) for 1 hour. Anti-mouse HRP (ab6728) (1/200) was used as the secondary antibody.

ab6728 was used at dilution 1/1000 with the primary antibody ab11038 in ELISA. See the review on ab11038.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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