

Datasheet for ABIN734453
anti-IL12 antibody (AA 51-150)

5 Images

1 Publication

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	IL12
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL12 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human IL-12
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	IL12
Alternative Name:	IL-12 (IL12 Products)

Target Details

Background:	Synonyms: P35, CLMF, NFSK, NKSF1, IL-12A, Interleukin-12 subunit alpha, Cytotoxic lymphocyte maturation factor 35 kDa subunit, CLMF p35, IL-12 subunit p35, NK cell stimulatory factor chain 1, IL12A Background: Cytokine that can act as a growth factor for activated T and NK cells, enhance the lytic activity of NK/lymphokine-activated Killer cells, and stimulate the production of IFN-gamma by resting PBMC.
Gene ID:	3592
UniProt:	P29459
Pathways:	JAK-STAT Signaling , TLR Signaling , Cellular Response to Molecule of Bacterial Origin , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Activated T Cell Proliferation , Cancer Immune Checkpoints , Inflammasome

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

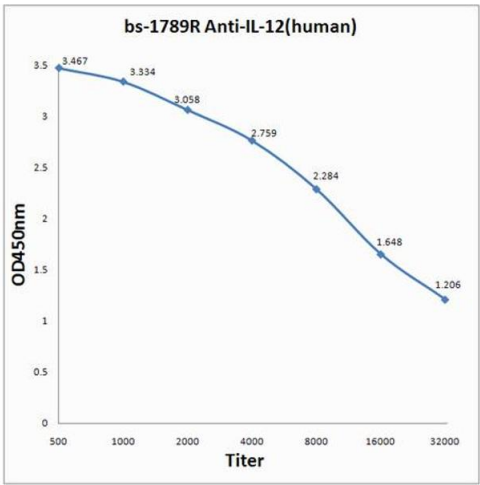
Handling

Expiry Date: 12 months

Publications

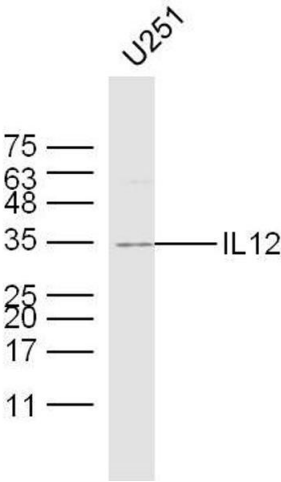
Product cited in: Li, Dan, Hu, Ouzhu, Ciren, Wang, Wang, Yang, Ze: "CD14 overexpression upregulates TNF- α -mediated inflammatory responses and suppresses the malignancy of gastric carcinoma cells." in: **Molecular and cellular biochemistry**, Vol. 376, Issue 1-2, pp. 137-43, (2013) ([PubMed](#)).

Images



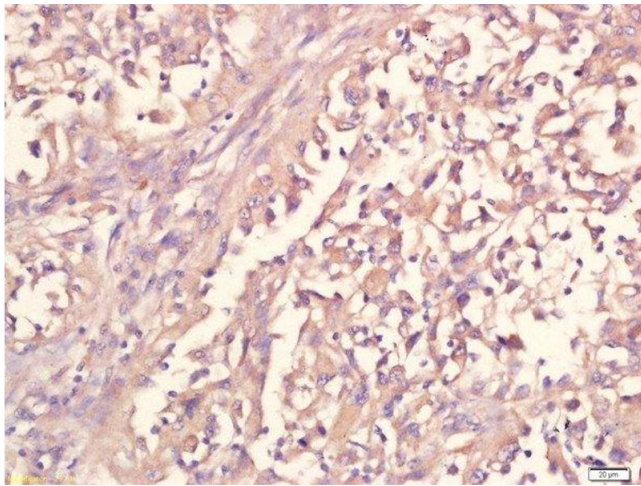
ELISA

Image 1. Antigen: 0.2 μ g/100 μ L Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000; Secondary: HRP conjugated Goat-Anti-Rabbit IgG at 1: 5000; TMB(C-0024) staining; Read the data in MicroplateReader by 450



Western Blotting

Image 2. U251 lysates probed with IL12 Polyclonal Antibody, Unconjugated at 1:300 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at 1:10000 for 60 min at 37°C.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. paraformaldehyde-fixed, paraffin embedded human lung carcinoma tissue, Antigen retrieval by boiling in sodium citrate buffer(pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal goat serum) at 37°C for 20min, Antibody incubation with Rabbit Anti-IL12 Polyclonal Antibody, Unconjugated at 1:500 overnight at 4°C, followed by a conjugated secondary and DAB staining

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN734453.