

IL18 antibody [HL1761]

Cat. No. GTX637411

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, IHC-P, ELISA, Sandwich ELISA
Reactivity	Human

References (1)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
IHC-P	Assay dependent
ELISA	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture : GTX637584, Detection : GTX637411 or Capture : GTX637411, Detection : GTX637584.

The detection antibody requires HRP conjugation. Please contact us for the conjugation service.

Not tested in other applications.

Observed MW (kDa) 17, 22 kDa.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human IL18. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



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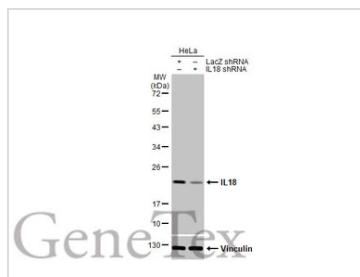
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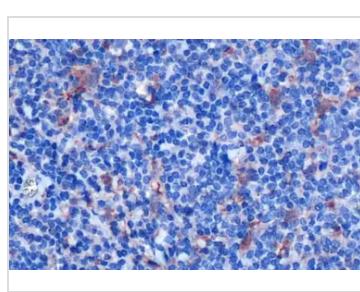
Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

**GTX637411 WB Image**

Non-transfected (-) and transfected (+) HeLa whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with IL18 antibody [HL1761] (GTX637411) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.

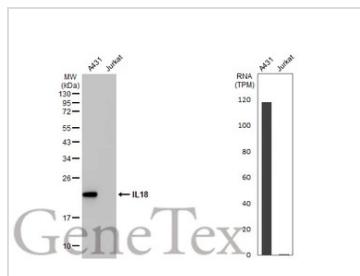
**GTX637411 IHC-P Image**

IL18 antibody [HL1761] detects IL18 protein at cytoplasm by immunohistochemical analysis.

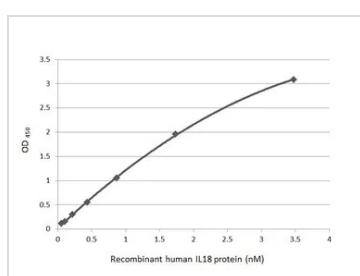
Sample: Paraffin-embedded human tonsil.

IL18 stained by IL18 antibody [HL1761] (GTX637411) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

**GTX637411 WB Image**

Various whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with IL18 antibody [HL1761] (GTX637411) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.

**GTX637411 ELISA Image**

Indirect ELISA analysis was performed by coating the plate with recombinant E.coli expressed, full-length human IL18 protein, His tag (GTX00227-pro) (3.47-0.05 nM). Coated protein was probed with IL18 antibody [HL1761] (GTX637411) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.



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