

Product datasheet

Anti-CXCL11 antibody [EPR21755-173] ab216157

Recombinant RabMAb

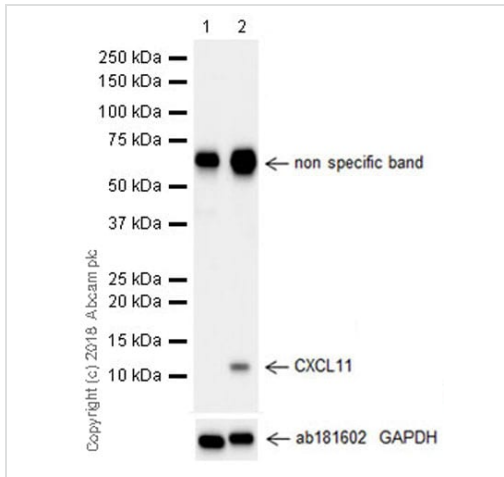
[1 References](#) [4 Images](#)

Overview

Product name	Anti-CXCL11 antibody [EPR21755-173]
Description	Rabbit monoclonal [EPR21755-173] to CXCL11
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: Human CXCL11 recombinant protein (aa22-94); THP-1 treated with 200 ng/ml interferon-gamma (ab9659) and 50 ng/ml lipopolysaccharide (LPS) for 24 hours, followed by 300 ng/ml Brefeldin A (BFA) for 20 hours, whole cell lysate. IP: THP-1 treated with 200 ng/ml interferon-gamma (ab9659) and 50 ng/ml lipopolysaccharide (LPS) for 24 hours, followed by 300 ng/ml Brefeldin A (BFA) for 20 hours, whole cell lysate.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

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 long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal



Western blot - Anti-CXCL11 antibody [EPR21755-173] (ab216157)

All lanes : Anti-CXCL11 antibody [EPR21755-173] (ab216157) at 1/1000 dilution

Lane 1 : THP-1 (hman monocytic leukemia cell line) whole cell lysate

Lane 2 : THP-1 treated with 200 ng/ml interferon-gamma (IFN-gamma, [ab9659](#)) and 50 ng/ml lipopolysaccharide (LPS) for 24 hours, then 300 ng/ml Brefeldin A (BFA) was added to the treated cells for 20 hours, whole cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Developed using the ECL technique.

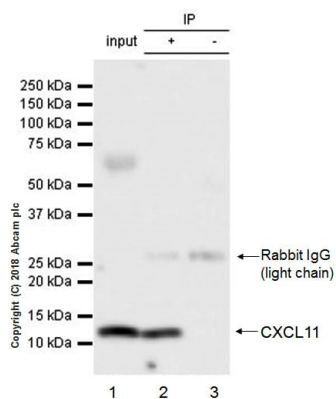
Predicted band size: 10 kDa

Observed band size: 11 kDa

Exposure time: 37 seconds

Blocking/Dilution: 5% NFDm/TBST

The expression profile observed is consistent with what has been described in the literature (PMID: 17142784).



Immunoprecipitation - Anti-CXCL11 antibody [EPR21755-173] (ab216157)

CXCL11 was immunoprecipitated from 0.35mg of THP-1 (human monocytic leukemia cell line) whole cell lysate with ab216157 at 1/30 dilution. Western blot was performed from the immunoprecipitate using ab216157 at 1/1000 dilution. VeriBlot for IP Detection Reagent (HRP) (**ab131366**), was used for detection at 1/5,000 dilution.

Lane 1: THP-1 (human monocytic leukemia cell line) treated with 200 ng/ml interferon-gamma (IFN-gamma, **ab9659**) and 50 ng/ml lipopolysaccharide (LPS) for 24 hours, then added 300 ng/ml Brefeldin A (BFA) for 20 hours, whole cell lysate 10ug (Input).

Lane 2: ab216157 IP in THP-1 treated with 200 ng/ml interferon-gamma (IFN-gamma, **ab9659**) and 50 ng/ml lipopolysaccharide (LPS) for 24 hours, then added 300 ng/ml Brefeldin A (BFA) for 20 hours, whole cell lysate.

Lane 3: Rabbit monoclonal IgG (**ab172730**) instead of ab216157 in THP-1 treated with 200 ng/ml interferon-gamma (IFN-gamma, **ab9659**) and 50 ng/ml lipopolysaccharide (LPS) for 24 hours, then added 300 ng/ml Brefeldin A (BFA) for 20 hours, whole cell lysate.

Blocking/Dilution buffer: 5% NFDM/TBST

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-CXCL11 antibody [EPR21755-173] (ab216157)

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