

Product datasheet

Anti-IL8 antibody [EPR1116(2)] ab110727

Recombinant RabMAb

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Overview

Product name	Anti-IL8 antibody [EPR1116(2)]
Description	Rabbit monoclonal [EPR1116(2)] to IL8
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt or ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) within Human IL8 aa 1 to the C-terminus. The exact sequence is proprietary.
Positive control	WB: IL8 recombinant protein.
General notes	Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.

Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMab[®] patents](#)

We are constantly working hard to ensure we provide our customers with best in class antibodies. As a result of this work we are pleased to now offer this antibody in purified format. We are in the process of updating our datasheets. The purified format is designated 'PUR' on our product labels. If you have any questions regarding this update, please contact our Scientific Support team.

This product is a recombinant rabbit monoclonal antibody.

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. Stable for 12 months at -20°C.
Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol, 0.05% BSA
Purity	Protein A purified

Clonality	Monoclonal
Clone number	EPR1116(2)
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab110727** 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
WB		1/1000 - 1/10000. Predicted molecular weight: 11 kDa.

Application notes Is unsuitable for Flow Cyt or ICC/IF.

Target

Function IL-8 is a chemotactic factor that attracts neutrophils, basophils, and T-cells, but not monocytes. It is also involved in neutrophil activation. It is released from several cell types in response to an inflammatory stimulus. IL-8(6-77) has a 5-10-fold higher activity on neutrophil activation, IL-8(5-77) has increased activity on neutrophil activation and IL-8(7-77) has a higher affinity to receptors CXCR1 and CXCR2 as compared to IL-8(1-77), respectively.

Sequence similarities Belongs to the intercrine alpha (chemokine CxC) family.

Post-translational modifications Several N-terminal processed forms are produced by proteolytic cleavage after secretion from at least peripheral blood monocytes, leukocytes and endothelial cells. In general, IL-8(1-77) is referred to as interleukin-8. IL-8(6-77) is the most prominent form.

Cellular localization Secreted.

Images

250 kDa —
150 kDa —
100 kDa —
75 kDa —
50 kDa —
37 kDa —
25 kDa —
20 kDa —
15 kDa —
10 kDa —

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Western blot - Anti-IL8 antibody [EPR1116(2)]
(ab110727)

Anti-IL8 antibody [EPR1116(2)] (ab110727) at
1/10000 dilution (purified) + Human interleukin
8 recombinant protein at 0.005 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) (ab97051) at
1/20000 dilution

Predicted band size: 11 kDa

Observed band size: 11 kDa

Blocking and dilution buffer: 5% NFDM /TBST.

KDa

75 —
50 —
37 —
25 —
20 —
15 —
10 —

Western blot - Anti-IL8 antibody [EPR1116(2)]
(ab110727)

Anti-IL8 antibody [EPR1116(2)] (ab110727) at
1/1000 dilution (unpurified) + IL8 recombinant
protein at 10 µg

Predicted band size: 11 kDa

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