

Product datasheet

Anti-IL-8 antibody ab84995

★★★★★ 1 Abreviews [画像数 2](#)

製品の概要

製品名	Anti-IL-8 antibody
製品の詳細	Rabbit polyclonal to IL-8
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P
種交差性	交差種: Human, Recombinant fragment 交差が予測される動物種: Chimpanzee, Baboon, Macaque monkey, Gorilla, Orangutan 
免疫原	Synthetic peptide corresponding to Human IL-8 aa 50 to the C-terminus conjugated to keyhole limpet haemocyanin. (Peptide available as ab134664)
ポジティブ・コントロール	This antibody gave a positive signal in IL-8 Recombinant Protein within Western Blot as well as in human brain astrocytoma formalin fixed paraffin embedded tissue section within Immunohistochemistry.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS Note: Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab84995** in the following tested applications.

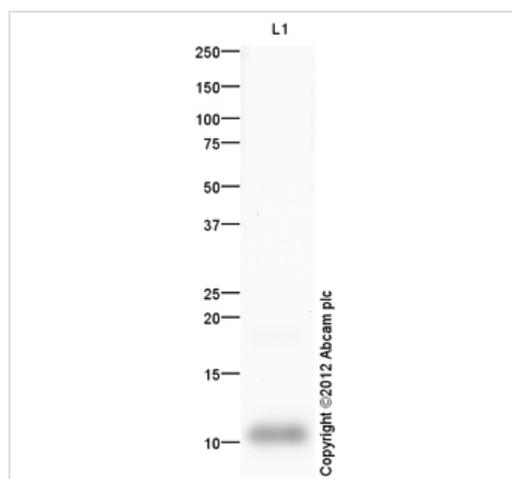
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 11 kDa (predicted molecular weight: 11 kDa).
IHC-P	★☆☆☆☆	Use a concentration of 1 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

ターゲット情報

機能	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.
配列類似性	Belongs to the intercrine alpha (chemokine CxC) family.
翻訳後修飾	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.
細胞内局在	Secreted.

画像



Western blot - Anti-IL-8 antibody (ab84995)

Anti-IL-8 antibody (ab84995) at 1 µg/ml + Recombinant Protein:IL-8 at 0.1 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (ab97080) at 1/5000 dilution

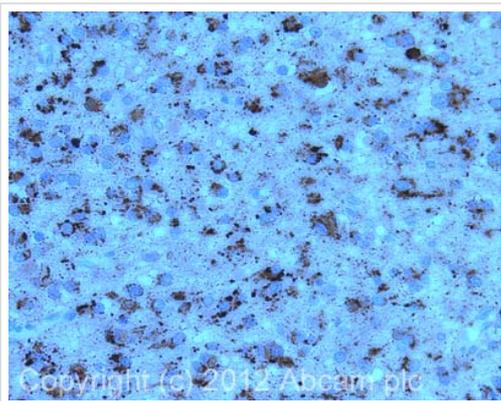
Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 11 kDa

Observed band size: 11 kDa

Exposure time: 30 seconds



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL-8 antibody (ab84995)

IHC image of ab84995 staining in human brain astrocytoma formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab84995, 1 µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

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