

Product datasheet

Anti-CXCR2 (phospho S347) antibody ab61100

2 References 1 Image

Overview

Product name	Anti-CXCR2 (phospho S347) antibody
Description	Rabbit polyclonal to CXCR2 (phospho S347)
Host species	Rabbit
Specificity	Detects human CXCR2 only when phosphorylated at serine 347 (mouse: serine 346)
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	Synthesized phosphopeptide derived from human CXCR2 around the phosphorylation site of serine 347 (R-P-S ^P -F-V).

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol, 0.87% Sodium chloride
Purity	Immunogen affinity purified
Purification notes	Purified from rabbit antiserum by affinity chromatography using epitope specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab61100** in the following tested applications.

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

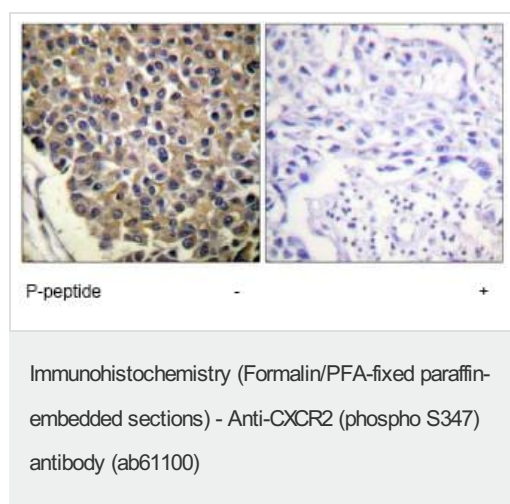
Application	Abreviews	Notes
IHC-P		1/50 - 1/100.

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Target

Function	Receptor for interleukin-8 which is a powerful neutrophil chemotactic factor. Binding of IL-8 to the receptor causes activation of neutrophils. This response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system. Binds to IL-8 with high affinity. Also binds with high affinity to CXCL3, GRO/MGSA and NAP-2.
Sequence similarities	Belongs to the G-protein coupled receptor 1 family.
Post-translational modifications	Phosphorylated upon ligand binding; which is required for desensitization.
Cellular localization	Cell membrane.

Images



1/50-1/100 ab61100 staining phosphorylated CXCR2 on human breast carcinoma tissue, in the presence or absence of the immunizing phosphopeptide.

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