

## Product datasheet

# Anti-CXCL16 antibody (Biotin) ab17518

### Overview

<b>Product name</b>	Anti-CXCL16 antibody (Biotin)
<b>Description</b>	Rabbit polyclonal to CXCL16 (Biotin)
<b>Host species</b>	Rabbit
<b>Conjugation</b>	Biotin
<b>Tested applications</b>	<b>Suitable for:</b> ELISA, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant protein (>98% purity) (Human).

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: None Constituents: 0.1% BSA, PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab17518** 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
ELISA		
WB		

### Application notes

ELISA: Use at a concentration of 0.15 - 0.3 µg/ml. Allows the detection of at least 0.2 ng/well of recombinant human CXCL16.

WB: Use at a concentration of 0.1 - 0.2 µg/ml. The detection limit for recombinant human CXCL16 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions. Predicted molecular weight: 33 kDa.

Not tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

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## Target

<b>Function</b>	Acts as a scavenger receptor on macrophages, which specifically binds to OxLDL (oxidized low density lipoprotein), suggesting that it may be involved in pathophysiology such as atherogenesis (By similarity). Induces a strong chemotactic response. Induces calcium mobilization. Binds to CXCR6/Bonzo.
<b>Tissue specificity</b>	Expressed in T-cell areas. Expressed in spleen, lymph nodes, lung, kidney, small intestine and thymus. Weak expression in heart and liver and no expression in brain and bone marrow.
<b>Sequence similarities</b>	Belongs to the intercrine alpha (chemokine CxC) family.
<b>Post-translational modifications</b>	Glycosylated.
<b>Cellular localization</b>	Cell membrane. Secreted. Also exists as a soluble form.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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