

Product datasheet

Anti-CXCL16 antibody (Biotin) ab17518

Overview

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

Properties

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

Target

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|---|--|
| Function | 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. |
| Tissue specificity | 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. |
| Sequence similarities | Belongs to the intercrine alpha (chemokine CxC) family. |
| Post-translational modifications | Glycosylated. |
| Cellular localization | Cell membrane. Secreted. Also exists as a soluble form. |

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