

Product datasheet

Anti-Factor Xa antibody ab111171

★★★★★ [1 Abreviews](#) [3 References](#)

Overview

| | |
|----------------------------|---|
| Product name | Anti-Factor Xa antibody |
| Description | Rabbit polyclonal to Factor Xa |
| Host species | Rabbit |
| Tested applications | Suitable for: ELISA, WB, ICC/IF |
| Species reactivity | Reacts with: Human |
| Immunogen | Full length native Factor Xa purified from human plasma |
| General notes | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> |

Properties

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|-----------------------------|--|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| Storage buffer | <p>pH: 7.50</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: PBS, 50% Glycerol</p> |
| Purity | Protein G purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab111171 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 | | Use at an assay dependent concentration. |
| WB | ★★★★★ (1) | Use at an assay dependent concentration. |
| ICC/IF | | Use at an assay dependent concentration. |

Target

| | |
|---|--|
| Function | Factor Xa is a vitamin K-dependent glycoprotein that converts prothrombin to thrombin in the presence of factor Va, calcium and phospholipid during blood clotting. |
| Tissue specificity | Plasma; synthesized in the liver. |
| Sequence similarities | Belongs to the peptidase S1 family. Contains 2 EGF-like domains. Contains 1 Gla (gamma-carboxy-glutamate) domain. Contains 1 peptidase S1 domain. |
| Post-translational modifications | The vitamin K-dependent, enzymatic carboxylation of some glutamate residues allows the modified protein to bind calcium. N- and O-glycosylated. The activation peptide is cleaved by factor IXa (in the intrinsic pathway), or by factor VIIa (in the extrinsic pathway). The iron and 2-oxoglutarate dependent 3-hydroxylation of aspartate and asparagine is (R) stereospecific within EGF domains. |
| Cellular localization | Secreted. |

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