

### Anti-Hirudin antibody [2D7] ab17198

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

#### Overview

<b>Product name</b>	Anti-Hirudin antibody [2D7]
<b>Description</b>	Mouse monoclonal [2D7] to Hirudin
<b>Host species</b>	Mouse
<b>Specificity</b>	The affinity (Kd) of this antibody for rHV2K47 is 4.5x10E-7 M
<b>Tested applications</b>	<b>Suitable for:</b> ELISA, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Leech
<b>Immunogen</b>	Recombinant full length protein corresponding to Leech Hirudin.
<b>Epitope</b>	The epitope of this antibody is located at the C-terminal end of hirudin.
<b>General notes</b>	<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&amp;As</p>

#### 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>	<p>pH: 7.40</p> <p>Preservative: 0.097% Sodium azide</p> <p>Constituents: 0.0268% PBS, 2.9% Sodium chloride</p>
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	2D7
<b>Myeloma</b>	x63-Ag8.653
<b>Isotype</b>	IgG1
<b>Light chain type</b>	kappa

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab17198 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		1/2000.
WB	★★★★★ (1)	Use at an assay dependent concentration. Detects a band of approximately 7 kDa. ab17198 reacts with hirudin in both reduced and unreduced forms.

## Target

### Relevance

Hirudin is a highly effective and very specific anticoagulant which specifically inhibits formation of fibrin and activation of factors V, VIII and XIII by forming irreversible, noncovalent 1:1 complexes with a-thrombin. Hirudin is a 65 amino acid polypeptide, 7 kDa protein naturally originating from the medical leech *Hirudo medicinalis*. It is the most potent thrombin inhibitor known to date.

### Cellular localization

Secreted

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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