

## Product datasheet

# Anti-Avidin antibody [A7B5] ab19507

### Overview

<b>Product name</b>	Anti-Avidin antibody [A7B5]
<b>Description</b>	Mouse monoclonal [A7B5] to Avidin
<b>Host species</b>	Mouse
<b>Specificity</b>	No cross reaction with human and animal serum proteins. Does not react with streptavidin. Reacts with avidin without interfering with its biotin-binding activity.
<b>Tested applications</b>	<b>Suitable for:</b> ELISA, WB
<b>Immunogen</b>	Egg white Avidin

### 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: 0.1% Sodium Azide Constituents: PBS, pH 7.4
<b>Purity</b>	IgG fraction
<b>Purification notes</b>	Ion exchange chromatography. Purity is tested by electrophoresis.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	A7B5
<b>Myeloma</b>	Sp2/0
<b>Isotype</b>	IgG1

### Applications

Our [Abpromise guarantee](#) covers the use of **ab19507** 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 dilution.

Application	Abreviews	Notes
WB		Use at an assay dependent dilution. Predicted molecular weight: 68 kDa.

## Target

<b>Function</b>	The biological function of avidin is not known. Forms a strong non-covalent specific complex with biotin (one molecule of biotin per subunit of avidin).
<b>Tissue specificity</b>	Synthesized in hen oviduct and concentrated in egg white (where it represent 0.05% of the total protein).
<b>Sequence similarities</b>	Belongs to the avidin/streptavidin family. Contains 1 avidin-like domain.
<b>Post-translational modifications</b>	N-linked glycan at Asn-41 consists of GlcNAc(beta1-2)Man(alpha1-3)[GlcNAc(beta1-4)] [Man(alpha1-?)Man(alpha1-6)] Man(beta1-4)GlcNAc(beta1-4)GlcNAc.
<b>Cellular localization</b>	Secreted.

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