

Product datasheet

Anti-Avidin antibody [A7B5] ab19507

Overview

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

Properties

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

Function	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).
Tissue specificity	Synthesized in hen oviduct and concentrated in egg white (where it represent 0.05% of the total protein).
Sequence similarities	Belongs to the avidin/streptavidin family. Contains 1 avidin-like domain.
Post-translational modifications	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.
Cellular localization	Secreted.

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