

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.
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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