

Product datasheet

Native Chicken Deglycosylated Avidin protein (Phycoerythrin) ab136215

Description

Product name	Native Chicken Deglycosylated Avidin protein (Phycoerythrin)
Biological activity	ab136215 reacts with D-Biotin.
Expression system	Native
Accession	P02701
Protein length	Full length protein
Animal free	No
Nature	Native
Species	Chicken
Predicted molecular weight	60 kDa
Amino acids	1 to 152
Conjugation	Phycoerythrin. Ex: 488nm, Em: 575nm

Specifications

Our [Abpromise guarantee](#) covers the use of **ab136215** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA Flow Cytometry Western blot
Form	Liquid
Additional notes	Deglycosylated acidic avidin has higher affinity for biotin than standard avidin and therefore reduces background staining. ab136215 reacts with D-Biotin.

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C. Do Not Freeze. Store In the Dark. Preservative: 0.1% Sodium azide Constituent: 99.9% PBS Contains a stabilizing agent.
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General Info

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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