

Product datasheet

Native Chicken Deglycosylated Avidin protein (Texas Red ®) ab136214

Description

Product name	Native Chicken Deglycosylated Avidin protein (Texas Red ®)
Biological activity	ab136214 reacts with D-Biotin.
Purity	> 90 % SDS-PAGE. Purification methods are proprietary, using a combination of precipitation and/or chromatography techniques. Purification percentages provided relate prior to conjugation.
Expression system	Native
Accession	<u>P02701</u>
Protein length	Full length protein
Animal free	No
Nature	Native
Species	Chicken
Predicted molecular weight	60 kDa
Amino acids	1 to 152
Conjugation	Texas Red ®. Ex: 596nm, Em: 620nm

Specifications

Our **Abpromise guarantee** covers the use of **ab136214** in the following tested applications.

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

Applications	ELISA Western blot Flow Cytometry
Form	Liquid
Additional notes	Deglycosylated acidic avidin has higher affinity for biotin than standard avidin and therefore reduces background staining. ab136214 reacts with D-Biotin.

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C. Store In the Dark.
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pH: 7.4
Preservative: 0.1% Sodium azide
Constituent: 99.9% PBS

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.

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

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- Replacement or refund for products not performing as stated on the datasheet
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