

## Product datasheet for **R1201B**

### AVD Rabbit Polyclonal Antibody

#### Product data:

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	ELISA, IHC, WB
<b>Recommended Dilution:</b>	Suitable for immunoblotting, ELISA, immunohistochemistry, immunomicroscopy as well as other antibody based assays using streptavidin or avidin conjugates requiring lot-to-lot consistency. This product has been assayed against 1.0 µg of Avidin [Hen Egg White] in a standard sandwich ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] (Goat) (R1364HRP) and (ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:8,000 to 1:32,000 of the reconstitution concentration is suggested for this product.
<b>Reactivity:</b>	Chicken
<b>Host:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Avidin [Hen Egg White]
<b>Specificity:</b>	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum as well as purified and partially purified Avidin [Hen Egg White].
<b>Formulation:</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, with 10 mg/ml Bovine Serum Albumin (BSA) IgG and Protease free as stabilizer and 0.01% (w/v) Sodium Azide as preservative Label: Biotin State: Lyophilized purified IgG fraction Label: Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC) Molar ratio: 10-20 BAC molecules per Rabbit IgG molecule
<b>Reconstitution Method:</b>	Restore with 1.0 ml of deionized water (or equivalent).
<b>Concentration:</b>	lot specific
<b>Purification:</b>	A multistep process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated below
<b>Conjugation:</b>	Biotin



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<b>Storage:</b>	Store vial at 2-8°C prior to restoration. Restore with deionized water (or equivalent); centrifuge product if not completely clear after standing at room temperature. This product is stable for one month at 2-8°C as an undiluted liquid. For extended storage aliquot contents and freeze at -20°C or below. Avoid cycles of freezing and thawing. Dilute only prior to immediate use.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Gene Name:</b>	avidin
<b>Database Link:</b>	<a href="#">Entrez Gene 396260 Chicken P02701</a>
<b>Background:</b>	The biological function of avidin is not known. It is a homotetrameric glycoprotein found in chicken egg white, and forms a strong non covalent specific complex with biotin (one molecule of biotin per subunit of avidin).
<b>Synonyms:</b>	AVD