

Product datasheet for **RA110T**

Albumin Human Protein

Product data:

Product Type:	Native Proteins
Description:	Albumin human protein, 1 mg
Species:	Human
Protein Source:	Serum
Concentration:	lot specific
Purity:	This product was prepared from chromatographically pure Human Albumin. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Human Albumin.
Conjugation:	TRITC
Buffer:	State: Lyophilized purified Ig fraction. Buffer System: 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: Tetramethylrhodamine isothiocyanate (TRITC) (Molecular Weight 444 daltons) Absorption Wavelength: 550 nm Emission Wavelength: 570 nm Fluorochrome/Protein Ratio: 2.7 moles TRITC per mole of Human Albumin. Presentation Label: TRITC
Reconstitution Method:	Restore with 1.0 ml of deionized water (or equivalent).
Preparation:	Lyophilized purified Ig fraction.
Applications:	suitable for Immunomicroscopy and Flow Cytometry or FACS analysis as well as other antibody based fluorescent assays.
Storage:	Store (undiluted) at 2-8°C prior to restoration. For extended storage reconstitute product with 50% glycerol instead of water and then aliquot contents and freeze at -20°C or below. Avoid cycles of freezing and thawing.
Stability:	Shelf life: one year from despatch. Centrifuge product if not completely clear after standing at room temperature. Dilute only prior to immediate use.
RefSeq:	<u>NP_000468</u>



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Locus ID:	213
Cytogenetics:	4q13.3
Synonyms:	ALB, BSA, HSA, Serum Albumin
Summary:	This gene encodes the most abundant protein in human blood. This protein functions in the regulation of blood plasma colloid osmotic pressure and acts as a carrier protein for a wide range of endogenous molecules including hormones, fatty acids, and metabolites, as well as exogenous drugs. Additionally, this protein exhibits an esterase-like activity with broad substrate specificity. The encoded preproprotein is proteolytically processed to generate the mature protein. A peptide derived from this protein, EPI-X4, is an endogenous inhibitor of the CXCR4 chemokine receptor. [provided by RefSeq, Jul 2016]
Protein Families:	suitable for Immunomicroscopy and Flow Cytometry or FACS analysis as well as other antibody based fluorescent assays.