

Native Bovine ALB Protein, TRITC-labeled

Cat. No. ALB-293B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	<p>Native TRITC labeled bovine ALB Protein was prepared from crystallized and lyophilized albumin.</p> <p>Impurities: Salt, free</p> <p>CAS: 9048-46-8</p> <p>MDL number: MFCD00130416</p> <p>NACRES: NA.25</p> <p>Extent of labeling: ≥ 0.5 mol TRITC per mol albumin</p>
Species	Bovine
Description	<p>Tetramethylrhodamine isothiocyanate (TRITC) is stable and less sensitive to light compared to fluorescein isothiocyanate (FITC). The conjugate of albumin with TRITC is effective for following microcirculation in vivo microscopy. Albumin-TRITC aids tracking of calcium phosphate nanoparticle bound DNA in human umbilical vein endothelial cells (T-HUVEC).</p>
Form	<p>Appearance (Color): Pink to Purple</p> <p>Appearance (Form): Powder</p> <p>Solubility (Color): Pink to Purple</p> <p>Solubility (Turbidity): Clear to Hazy (1 mg/mL, 0.1M Phosphate Buffered Saline (pH 7.3 to 7.4))</p>
Purity	$\geq 90\%$ (Lowry)

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Applications
Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Storage Store at 2-8 centigrade

GENE INFORMATION

Gene Name ALB albumin [*Bos taurus* (cattle)]

Official Symbol ALB

Synonyms ALB; albumin; albumin; BSA; serum albumin; EC 6.1.1.16

Gene ID 280717

mRNA Refseq NM_180992

Protein Refseq NP_851335

UniProt ID P02769

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