

Native Bovine ALB Protein, TRITC-labeled

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

SPECIFICATION

Product Overview	Native TRITC labeled bovine ALB Protein was prepared from crystallized and lyophilized albumin. Impurities: Salt, free CAS: 9048-46-8 MDL number: MFCD00130416 NACRES: NA.25 Extent of labeling: ≥ 0.5 mol TRITC per mol albumin
Species	Bovine
Description	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).
Form	Appearance (Color): Pink to Purple Appearance (Form): Powder Solubility (Color): Pink to Purple Solubility (Turbidity): Clear to Hazy (1 mg/mL, 0.1M Phosphate Buffered Saline (pH 7.3 to 7.4))
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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