

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)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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
-------------------	--------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA