

[Go to Product page](#)

Datasheet for ABIN1877197

Ischemia Modified Albumin Protein (IMA)

Overview

Quantity:	50 µg
Target:	Ischemia Modified Albumin (IMA)
Origin:	Human
Source:	Human
Protein Type:	Native
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), Positive Control (PC)

Product Details

Purity:	> 90 %
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Target Details

Target:	Ischemia Modified Albumin (IMA)
Alternative Name:	Ischemia Modified Albumin (IMA Products)
Background:	<p>Ischemia Modified Albumin is also called Human serum albumin. Human serum albumin is the most abundant protein in human blood plasma. It is produced in the liver. Albumin constitutes about half of the blood serum protein. It is soluble and monomeric. Albumin is synthesized in the liver as preproalbumin, which has an N-terminal peptide that is removed before the nascent protein is released from the rough endoplasmic reticulum. It has a molecular mass of 67 kDa. Human albumin is often used to replace lost fluid and help restore blood volume in trauma, burns and surgery patients. A Cochrane systematic review[6] of 37 trials found no evidence that albumin, compared with cheaper alternatives such as saline, reduces the risk of dying.</p>

Molecular Weight:	68 kDa
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Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Isoelectric Point:

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute in sterile PBS, pH 7.2 - pH 7.4.

Buffer: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01 % SKL, 5 %
Trehalose and Proclin300.

Preservative: ProClin

Handling Advice: Avoid repeated freeze/thaw cycles

Storage: 4 °C, -80 °C

Storage Comment: Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Expiry Date: 12 months