

Anti-Human Serum albumin Antibody (5C33), Loading Control

Product Details

Ig Type:	IgG1
Reactivity:	Human(predicted:Mouse,Rat,Pig)
Molecular Weight:	Theoretical: 69 kDa. Actual: 67 kDa.
Clone:	5C33
Purification:	Protein G purified

Applications

Sample:	Lane 1: Serum (Human) at 20 µg
Verified Activity:	Primary: Anti-Serum albumin (TMAB-07452) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 67 kD Observed band size: 67 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	human Serum albumin
Antigen Species:	Human
Gene ID:	213
Uniprot ID:	P02768

Research Background

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]

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