

Anti-S100-A8/MRP8 Polyclonal Antibody 2

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 11 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: Lane 1: Recombinant human S100-A8/A9 protein, His Primary: Anti-S100-A8 / MRP8 (TMAB-12456) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 11 kDa Observed band size: 32 kDa
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:	KLH conjugated synthetic peptide: human S100A8
Antigen Species:	Human
Gene ID:	6279
Uniprot ID:	P05109

Research Background

The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in the inhibition of casein kinase and as a cytokine. Altered expression of this protein is associated with the disease cystic fibrosis. [provided by RefSeq].

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