

Anti-PU.1/Spi1 Antibody (7E746)

Product Details

Ig Type:	IgG1, k
Reactivity:	Human
Molecular Weight:	Theoretical: 31 kDa. Actual: 38 kDa.
Clone:	7E746
Purification:	Protein G purified

Applications

Sample:	Lane 1: K562 cell lysates Lane 2: Daudi cell lysates Lane 3: THP-1 cell lysates
Verified Activity:	Primary: Anti-PU.1/Spi1 (TMAB-11941) at 1/500~1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 31 kD Observed band size: 40 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:	Recombinant Protein: human SPI1
Antigen Species:	Human
Gene ID:	6688
Uniprot ID:	P17947

Research Background

The enzyme encoded by this gene catalyzes the elimination of inorganic triphosphate from dihydroneopterin triphosphate, which is the second and irreversible step in the biosynthesis of tetrahydrobiopterin from GTP. Tetrahydrobiopterin, also known as BH(4), is an essential cofactor and regulator of various enzyme activities, including enzymes involved in serotonin biosynthesis and NO synthase activity. Mutations in this gene result in hyperphenylalaninemia. [provided by RefSeq, Oct 2008]

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