

## 12-9504: Anti-pTHEMIS antibody(4F2), IgG1 Chimeric mAb

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	4F2
<b>Application :</b>	ELISA
<b>Reactivity :</b>	Human
<b>Uniprot ID :</b>	Q8N1K5
<b>Alternative Name :</b>	THEMIS, C6orf190, C6orf207
<b>Isotype :</b>	Rabbit/Human Fc chimeric IgG1

### Description

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This gene encodes a protein that plays a regulatory role in both positive and negative T-cell selection during late thymocyte development. The protein functions through T-cell antigen receptor signaling, and is necessary for proper lineage commitment and maturation of T-cells. Alternative splicing results in multiple transcript variants.

### Product Info

<b>Amount :</b>	10 µg / 100 µg
<b>Purification :</b>	Purified from cell culture supernatant by affinity chromatography
<b>Content :</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage condition :</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

### Application Note

ELISA 1:5000-10000

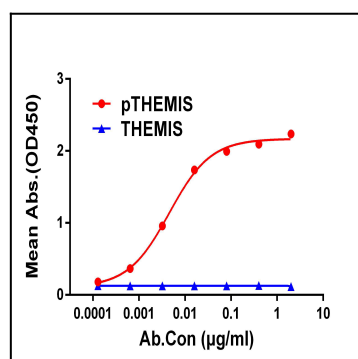


Figure 1. ELISA examination of DMC101054 specificity. The antibody at various concentrations was incubated in plates coated with either THEMIS or phosphorylated THEMIS (pTHEMIS), and a sigmoidal curve was developed only when using pTHEMIS, as capture antigen, indicating a specific binding of DMC101054 to pTHEMIS.