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

Clonality: Monoclonal

Clone Name: 4F2
Application: ELISA
Reactivity: Human
Uniprot ID: Q8N1K5

**Alternative Name :** THEMIS, C6orf190, C6orf207 **Isotype :** Rabbit/Human Fc chimeric IgG1

## **Description**

Description :Anti-pTHEMIS antibody(4F2), IgG1 Chimeric mAb

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**

**Amount :**  $10 \mu g / 100 \mu g$ 

**Purification:** Purified from cell culture supernatant by affinity chromatography

Content: 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.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended

**Storage condition:** 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

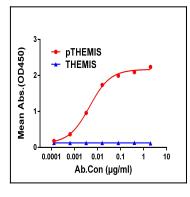


Figure 1. ELISA examination of DMC101054 specificity. The antibody at various concentrations was incubated in plates coated with either THEMIS or phosphorylated THEMIS (pTHEMIS), and a sigmoidal curve was developed only when using pTHEMIS, but not THEMIS, as capture antigen, indicating a specific binding of DMC101054 to pTHEMIS.