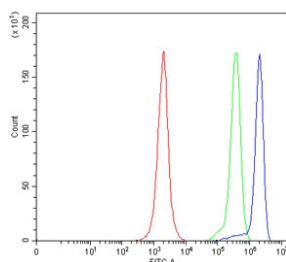


THEMIS Antibody (RQ7535)

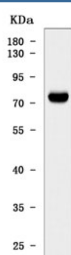
Catalog No.	Formulation	Size
RQ7535	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q8N1K5
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This THEMIS antibody is available for research use only.



Flow cytometry testing of human JK cells with THEMIS antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= THEMIS antibody.



Western blot testing of human MOLT4 cell lysate with THEMIS antibody. Predicted molecular weight ~73 kDa.

Description

This gene encodes 'Thymocyte-expressed molecule involved in selection' 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.

Application Notes

Optimal dilution of the THEMIS antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids Q74-H588) was used as the immunogen for the THEMIS antibody.

Storage

After reconstitution, the THEMIS antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.