

# TECK (500-M48): sc-65377

## BACKGROUND

Chemokines are likely to play an important role in regulating the trafficking of developing T cells within the thymus. Chemokine C-C thymus expressed chemokine (TECK), also designated chemokine ligand 25 (CCL25), small inducible cytokine A25, chemokine  $\beta$ -15 or CK  $\beta$ -15, is expressed predominantly in thymic dendritic cells, thymic epithelial cells and in the small intestine. TECK, a CCR9 ligand, has suppressive activity against immature subsets of myeloid progenitors which have been stimulated to proliferate by multiple growth factors. TECK delivers signals through CCR9, which is important for the navigation of developing thymocytes. Bone marrow pre-pro-B cells and cells capable of generating pro-B colonies in the presence of interleukin-7 and Flt-3 ligand migrate to TECK, a response lost in later stages of B cell development.

## REFERENCES

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## STORAGE

Store at 4° C, **\*\*DO NOT FREEZE\*\***. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

## CHROMOSOMAL LOCATION

Genetic locus: CCL25 (human) mapping to 19p13.

## SOURCE

TECK (500-M48) is a mouse monoclonal antibody raised against recombinant TECK of human origin.

## PRODUCT

Each vial contains 100  $\mu$ g IgG<sub>1</sub> in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

## APPLICATIONS

TECK (500-M48) is recommended for detection of TECK of human origin by solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

Suitable for use as control antibody for TECK siRNA (h): sc-39371, TECK shRNA Plasmid (h): sc-39371-SH and TECK shRNA (h) Lentiviral Particles: sc-39371-V.

Molecular Weight of TECK: 17 kDa.

## RESEARCH USE

For research use only, not for use in diagnostic procedures.

## PROTOCOLS

See our web site at [www.scbt.com](http://www.scbt.com) for detailed protocols and support products.