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[Marker Primary Antibody]

Rabbit Anti-TECK/HRP Conjugated antibody

Catalog Number: SL5093R-HRP

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-TECK/HRP
Immunogen:	KLH conjugated synthetic peptide derived from human CCL25
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Rat(predicted:Human,Mouse,Dog,Pig,Cow,Horse,Rabbit)
Background:	background: This gene belongs to the subfamily of small cytokine CC genes. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. TECK displays chemotactic activity for dendritic cells, thymocytes, and activated macrophages but is inactive on peripheral blood lymphocytes and neutrophils. TECK binds to chemokine receptor CCR9. Two alternatively spliced variants encoding two different isoforms have been identified. **Function:** Potentially involved in T-cell development. Recombinant protein shows chemotactic activity on thymocytes, macrophages, THP-1 cells, and dendritics cells but is inactive on peripheral blood lymphocytes and neutrophils. Binds to CCR9. Isoform 2 is an antagonist of isoform 1. **Subcellular Location:** Secreted. **Tissue Specificity:** Specifically expressed by thymic dendritic cells. High

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	levels in thymus and small intestine. **Similarity:** Belongs to the intercrine beta (chemokine CC) family. **Database links:** **Entrez Gene:** 6370 Human Omim: 602565 Human **SwissProt:** O15444 Human **Unigene:** 310511 Human Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.