

TARC/CCL17

ABfinity™ Recombinant Rabbit Monoclonal Antibody - Purified

Catalog no. 700655

(See product label for lot information)



Clone/PAD: B22H33L5
Isotype: IgG
Gene ID: 6361
Protein Acc. no.: Q92583
Qty: 100 µg
Volume: 200 µL
Concentration: 0.5 mg/mL

Formulation

PBS + 0.09% sodium azide

Application

For use in Western Blotting

Reactivity

This antibody is specific for human TARC

Immunogen

A portion of recombinant human TARC protein corresponding to amino acids 24–94

Sequence Identity

Human

Storage

2–8°C for up to 1 month, –20°C for long term storage. Avoid repeated freezing and thawing.

Expiration Date

Expires one year from date of receipt when stored as instructed.

Background

TARC (thymus and activation regulated chemokine) also known as Chemokine (C-C motif) ligand (CCL17) belongs to the CC chemokine family (1). It is a small cytokine and the gene is located on q arm of chromosome 16, in humans, along with other chemokines (3). TARC specifically binds to T-cells and interacts with chemokine receptors CCR4 and CCR8 (2). It plays an important role in T cell development in thymus as well as in trafficking and activation of mature T cells (4)

References

1. Imai T, Baba M, Nishimura M, Kakizaki M, Takagi S, Yoshie O (1997). The T cell-directed CC chemokine TARC is a highly specific biological ligand for CC chemokine receptor 4. *Journal of Biological Chemistry*, 15036-42.
2. Bernardini G, Hedrick J, Sozzani S, Luini W, Spinetti G, Weiss M, Menon S, Zlotnik A, Mantovani A, Santoni A, Napolitano M (1998). Identification of the CC chemokines TARC and macrophage inflammatory protein-1 beta as novel functional ligands for the CCR8 receptor. *European Journal of Immunology*, 582-8.
3. Nomiyama H, Imai T, Kusuda J, Miura R, Callen DF, Yoshie O (1997). Assignment of the human CC chemokine gene TARC (SCYA17) to chromosome 16q13. *Genomics*, 211-3.
4. Imai T, Yoshida T, Baba M, Nishimura M, Kakizaki M, Yoshie O (1996). Molecular cloning of a novel T cell-directed CC chemokine expressed in thymus by signal sequence trap using Epstein-Barr virus vector. *Journal of Biological Chemistry*, 21514-21.

Applications:

	Species	Test Material	Concentration
Western Blotting	Human	Recombinant TARC	1–5 µg/mL

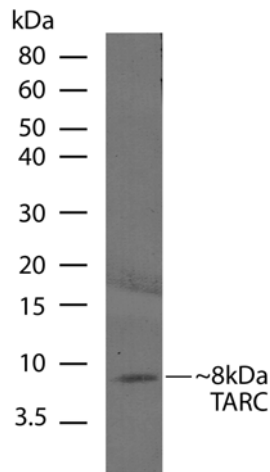
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MAN0003436

Effective date: 10 Jan 2011



Western Blot of TARC labeled with TARC Rabbit Recombinant Monoclonal Ant body (Cat. no. 700655).

TARC Rabbit Recombinant Monoclonal Antibody (2.5 µg/mL) was used to detect recombinant TARC (5 ng). The western was performed using the WesternBreeze® kit with NBT/BCIP as the substrate (Cat. no. WB7105).

Explanation of symbols

Symbol	Description	Symbol	Description
	Catalogue Number		Batch code
	Research Use Only		<i>In vitro</i> diagnostic medical device
	Use by		Temperature limitation
	Manufacturer		European Community authorised representative
	Without, does not contain		With, contains
	Protect from light		Consult accompanying documents
	Directs the user to consult instructions for use (IFU), accompanying the product.		

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