

## Product datasheet for **TA321689**

### CCR8 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Hela and K562 cells IHC: 25-100 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 175-191 amino acids of Human C-C chemokine receptor type 8
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	41 kDa
Gene Name:	C-C motif chemokine receptor 8
Database Link:	<a href="#">NP_005192</a> <a href="#">Entrez Gene 1237 Human P51685</a>



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**Background:**

This gene encodes a member of the beta chemokine receptor family; which is predicted to be a seven transmembrane protein similar to G protein-coupled receptors. Chemokines and their receptors are important for the migration of various cell types into the inflammatory sites. This receptor protein preferentially expresses in the thymus. I-309; thymus activation-regulated cytokine (TARC) and macrophage inflammatory protein-1 beta (MIP-1 beta) have been identified as ligands of this receptor. Studies of this receptor and its ligands suggested its role in regulation of monocyte chemotaxis and thymic cell apoptosis. More specifically; this receptor may contribute to the proper positioning of activated T cells within the antigenic challenge sites and specialized areas of lymphoid tissues. This gene is located at the chemokine receptor gene cluster region.

**Synonyms:**

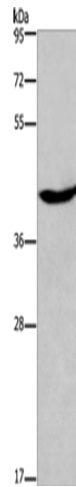
CC-CCR-8; CCR-8; CDw198; CKRL1; CMKBR8; CMKBRL2; CY6; GPRCY6; TER1

**Protein Families:**

Druggable Genome, GPCR, Transmembrane

**Protein Pathways:**

Chemokine signaling pathway, Cytokine-cytokine receptor interaction

**Product images:**

Gel: 10%SDS-PAGE

Lysate: 80 µg

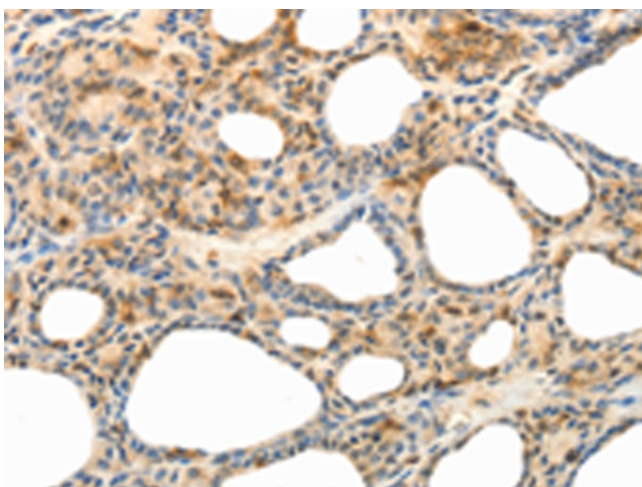
Lane 1-2: HeLa cells

K562 cells

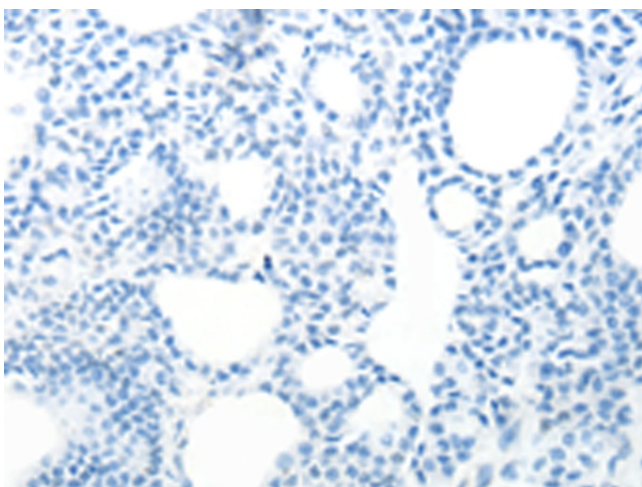
Primary antibody: TA321689 (CCR8 Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 30 seconds



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA321689 (CCR8 Antibody) at dilution 1/40 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA321689 (CCR8 Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification:  $\times 200$ )