

[Go to Product page](#)

Datasheet for ABIN7149664

**anti-Transmembrane 7 Superfamily Member 4 (TM7SF4) (AA 119-209) antibody (Biotin)**

## Overview

Quantity:	100 µg
Target:	Transmembrane 7 Superfamily Member 4 (TM7SF4)
Binding Specificity:	AA 119-209
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Dendritic cell-specific transmembrane protein (119-209AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	Transmembrane 7 Superfamily Member 4 (TM7SF4)
Alternative Name:	DCSTAMP ( <a href="#">TM7SF4 Products</a> )
Background:	Background: Probable cell surface receptor that plays several roles in cellular fusion, cell differentiation, bone and immune homeostasis. Plays a role in TNFSF11-mediated

## Target Details

osteoclastogenesis. Cooperates with OCSTAMP in modulating cell-cell fusion in both osteoclasts and foreign body giant cells (FBGCs). Participates in osteoclast bone resorption. Involved in inducing the expression of tartrate-resistant acid phosphatase in osteoclast precursors. Plays a role in haematopoietic stem cell differentiation of bone marrow cells toward the myeloid lineage. Inhibits the development of neutrophilic granulocytes. Plays also a role in the regulation of dendritic cell (DC) antigen presentation activity by controlling phagocytic activity. Involved in the maintenance of immune self-tolerance and avoidance of autoimmune reactions.

Aliases: DC-STAMP antibody, DCSTAMP antibody, DCSTP\_HUMAN antibody, Dendritic cell-specific transmembrane protein antibody, Dendrocyte-expressed seven transmembrane protein antibody, FIND antibody, hDC-STAMP antibody, IL-Four INDuced antibody, IL-four-induced protein antibody, Transmembrane 7 superfamily member 4 antibody

UniProt: [Q9H295](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.