

ADAM DEC1. Rabbit Antigen Immunoaffinity Purified Polyclonal

A disintegrin and metalloproteinase domain-like protein decysin 1, ADAM-like protein decysin 1

BACKGROUND

ADAMDEC1 is expressed in the immune system, by dendritic cells and macrophages. It may play an important role in the control of the immune response and during pregnancy.¹ Due to the partial lack of a disintegrin domain and the total lack of a cysteine-rich domain, this protein has been placed in a novel subclass of the ADAM gene family².

ORDERING INFORMATION

CATALOG NUMBER
X2727P

SIZE

100 μ g

FORM

Affinity Purified

HOST/CLONE

Rabbit

FORMULATION

Provided as solution in phosphate buffered saline with 0.08% sodium azide

CONCENTRATION

See vial for concentration

ISOTYPE

IgG

APPLICATIONS

Western Blot, ELISA,
Immunohistochemistry

SPECIES REACTIVITY

Human

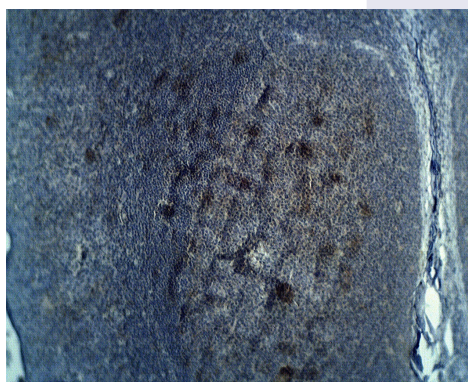
ACCESSION NUMBER

Human O15204

IMMUNOGEN

Synthetic peptide derived from the human ADAMDEC1 protein.

Staining of human tonsil sections with ADAM-DEC1 antibody (Cat. No. X2727P) at 2 μ g/ml.



POSITIVE CONTROL/TISSUE EXPRESSION

Expressed highly in the small intestine and appendix, moderately in lymph node, mucosal lining of the colon, thymus, spleen and very weakly in the bone marrow. Predominantly expressed in dendritic cells (DC) of the germinal center. Weakly expressed in monocyte and highly expressed in macrophage. Absent in immature DC.

COMMENTS

Antibody can be used for Western blotting (1:400 dilution) and immunohistochemistry on paraffin embedded tissues (2-10 µg/ml). Optimal concentration should be evaluated by serial dilutions.

PURIFICATION

Antigen Immunoaffinity Purification

SHIP CONDITIONS

Ship at ambient temperature, freeze upon arrival

STORAGE CUSTOMER

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

STABILITY

Reagents are stable for the period shown on the vial label when stored properly

REFERENCES

1. UniProtKB/Swiss-Prot Acession # O15204
2. Bates, E.E. et. atl., The ADAMDEC1 (decysin) gene structure: evolution by duplication in a metalloprotease gene cluster on chromosome 8p12. Immunogenetics. 2002 May;54(2):96-105. Epub 2002 Mar 16,

PRODUCT SPECIFIC REFERENCES