

ERMAP Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18539a**Specification**

ERMAP Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O96PL5
Other Accession	NP_001017922.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	52605
Antigen Region	69-95

ERMAP Antibody (N-term) - Additional Information**Gene ID** 114625**Other Names**

Erythroid membrane-associated protein, hERMAP, Radin blood group antigen, Scianna blood group antigen, ERMAP, RD, SC

Target/Specificity

This ERMAP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 69-95 amino acids from the N-terminal region of human ERMAP.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ERMAP Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ERMAP Antibody (N-term) - Protein Information**Name** ERMAP

Synonyms RD, SC

Function Possible role as a cell-adhesion or receptor molecule of erythroid cells.

Cellular Location

Cell membrane; Single-pass type I membrane protein. Cytoplasm

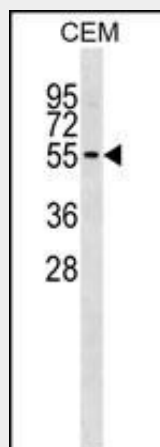
Tissue Location

Expressed in erythroid-enriched bone marrow (at protein level). Highly expressed in bone marrow and to a lower extent in leukocytes, thymus, lymph node and spleen

ERMAP Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ERMAP Antibody (N-term) - Images

ERMAP Antibody (N-term) (Cat. #AP18539a) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the ERMAP antibody detected the ERMAP protein (arrow).

ERMAP Antibody (N-term) - Background

The protein encoded by this gene is a cell surface transmembrane protein that may act as an erythroid cell receptor, possibly as a mediator of cell adhesion. Polymorphisms in this gene are responsible for the Scianna/Radin blood group system. Two transcript variants encoding the same protein have been found for this gene.

ERMAP Antibody (N-term) - References

Fuchisawa, A., et al. Immunohematology 25(1):18-19(2009)
Lin, L.D., et al. Zhongguo Shi Yan Xue Ye Xue Za Zhi 16(2):328-332(2008)
Flegel, W.A., et al. Transfusion 45(12):1940-1944(2005)
Hue-Roye, K., et al. Transfusion 45(2):245-247(2005)
Yan, L., et al. Immunohematology 21(1):10-14(2005)