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## Datasheet for ABIN1713779 **anti-ERMAP antibody (AA 61-120)**

### Overview

Quantity:	100 µL
Target:	ERMAP
Binding Specificity:	AA 61-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ERMAP antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ERMAP
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat
Purification:	Purified by Protein A.

### Target Details

Target:	ERMAP
Alternative Name:	ERMAP ( <a href="#">ERMAP Products</a> )

## Target Details

Background:	<p>Synonyms: ERMAP, ERMAP_HUMAN, Erythroblast membrane associated protein, Erythroid membrane associated protein, Erythroid membrane-associated protein, hERMAP, MGC118810, MGC118811, MGC118812, MGC118813, PRO2801, Radin blood group Rd, Radin blood group antigen, RD, SC, Scianna blood group Sc, Scianna blood group antigen.</p> <p>Background: ERMAP is a single-pass type one membrane protein that belongs to the immunoglobulin superfamily. Expressed in cord blood, fetal liver and adult bone marrow, ERMAP is thought to function as a cell adhesion molecule in erythroid cells and is responsible for expression of the Scianna/Radin (Sc/Rd) blood group antigen system. The Sc/Rd system is comprised of seven antigens that are present on the surface of red blood cells and have a variety of functions ranging from protein transport to cell adhesion. These seven blood antigens can differ in their expression within a population and may sometimes differ between mother and child. A fetus expressing different blood antigens than its mother may cause the mother to produce against the fetal blood. This condition is known as hemolytic disease of the newborn (HDN) and is characterized by jaundice, anemia and in some cases, infant death.</p>
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Gene ID:	114625
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## Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

## Handling

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Storage:	4 °C,-20 °C
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Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
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Expiry Date:	12 months
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