

## Product datasheet for **CF500911**

### ERMAP Mouse Monoclonal Antibody [Clone ID: OTIC8]

#### Product data:

|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Clone Name:             | OTIC8  |
| Applications:           | FC, IF   |
| Recommended Dilution:   | IF: 1:100, Flow: 1:50-1:100  |
| Reactivity:             | Human  |
| Host:                   | Mouse  |
| Isotype:                | IgG1   |
| Clonality:              | Monoclonal   |
| Immunogen:              | Full length human recombinant protein of human ERMAP (NP_061008) produced in HEK293T cell.   |
| Formulation:            | Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)  |
| Reconstitution Method:  | For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific) |
| Purification:           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)  |
| Conjugation:            | Unconjugated   |
| Storage:                | Store at -20°C as received.  |
| Stability:              | Stable for 12 months from date of receipt.   |
| Predicted Protein Size: | 52.6 kDa   |
| Gene Name:              | erythroblast membrane associated protein (Scianna blood group)   |
| Database Link:          | <a href="#">NP_001017922</a><br><a href="#">Entrez Gene 114625 Human</a><br><a href="#">Q96PL5</a>   |



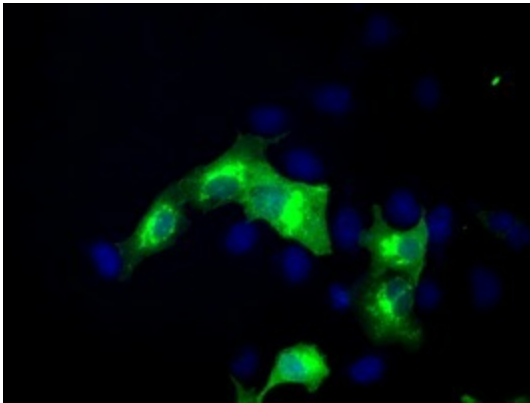
[View online »](#)

**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.

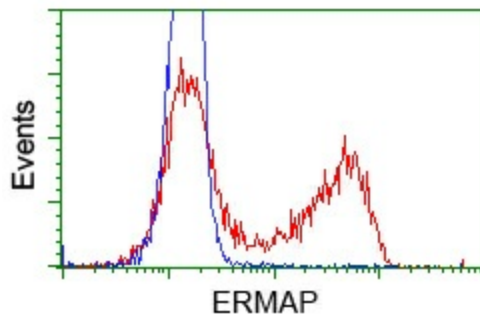
**Synonyms:** BTN5; PRO2801; RD; SC

**Protein Families:** Druggable Genome, Transmembrane

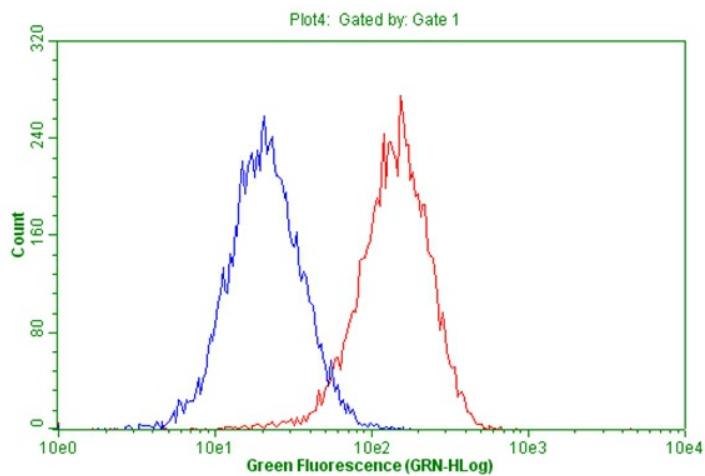
**Product images:**



Anti-ERMAP mouse monoclonal antibody ([TA500911]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY ERMAP ([RC215022]).



HEK293T cells transfected with either pCMV6-ENTRY ERMAP ([RC215022]) (Red) or empty vector control plasmid (Blue) were immunostained with anti-ERMAP mouse monoclonal ([TA500911]), and then analyzed by flow cytometry.



Flow cytometric Analysis of living K562 cells, using anti-ERMAP antibody ([TA500911]), (Red), compared to a nonspecific negative control antibody, (Blue).