

Product datasheet

Anti-Myeloid Precursor Cells antibody [ER-MP58] ab63860

2 References

Overview

Product name	Anti-Myeloid Precursor Cells antibody [ER-MP58]
Description	Rat monoclonal [ER-MP58] to Myeloid Precursor Cells
Host species	Rat
Tested applications	Suitable for: Flow Cyt, IHC-Fr, ICC/IF, IP
Species reactivity	Reacts with: Mouse
Immunogen	Tissue, cells or virus corresponding to Mouse Myeloid Precursor Cells. Balb/c macrophage precursor cell hybrids
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	pH: 7.40 Preservative: 0.09% Sodium azide Constituent: PBS
Purity	Protein G purified
Clonality	Monoclonal
Clone number	ER-MP58
Myeloma	Y3/Ag1.2.3
Isotype	IgG2a

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab63860 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		
IHC-Fr		
ICC/IF		
IP		

Application notes

Flow Cyt: Use 10µl for 10⁶ cells.
IHC-P: Use at an assay dependent dilution (PMID 19720836).
IHC-Fr: 1/25 - 1/100.
IP: Use at an assay dependent dilution.

Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

Target

Relevance ER-MP58 is expressed by all bone marrow derived M-CSF- and GM-CSF-responsive myeloid blood cell precursors. The expression of ER-MP58 remains at a high level throughout the precursor/monocyte stage and is down regulated upon maturation into mature macrophages. The ER-MP58 antigen is used to distinguish between early myeloid committed cells and other haematopoietic progenitors cells in the BM.

Cellular localization Cell Membrane

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors