# **Technical Data Sheet**

InVivoMAb anti-mouse CSF1R (CD115)



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#### Lot Specific Information

Lot Number:	Lot Specific*
Volume:	Lot Specific*
Concentration:	Lot Specific* (generally 4 to 11 mg/ml) *
Total Protein:	Lot Specific*
*This information v	vill be noted on the certificate of analysis that ships with this product.

### **Product Information**

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#### Description

The AFS98 monoclonal antibody reacts with mouse colony stimulating factor 1 receptor (CSF1R), also known as macrophage colony-stimulating factor receptor (M-CSFR), and CD115. CSF1R is a single-pass type I membrane protein and member of the platelet-derived growth factor receptor family. In mice CSF1R is expressed by monocytes/macrophages, peritoneal exudate cells, plasmacytoid and conventional dendritic cells, and osteoclasts. CSF1R is a receptor for CSF1 and CSF1 signaling through CSF1R regulates the proliferation and differentiation of cells in the monocytic lineage. The AFS98 antibody has been reported to deplete macrophages and block CSFR1 in vivo.

#### Storage

Store at the stock concentration at 4°C. Do not freeze.

It is not uncommon for a floccule or precipitate to appear during storage. The floccule is typically buffer salts precipitating out of solution or a small bit of protein aggregation. For information on how to remove floccules or precipitates see our FAQ's at <a href="https://bioxcell.com/faqs">https://bioxcell.com/faqs</a>.

## **Protocol Information**

Since applications vary, each investigator should use the application references as a guide to help estimate the appropriate dose or concentration. The dose or concentration can be further optimized experimentally in a dose response or titration experiment.

### **Application References**

For a complete list of references, visit <u>https://bioxcell.com/catalogsearch/result/?</u> <u>q=BE0213#tab\_references</u> or scan the QR code below.



## **Binding Validation**

Validation data shown below confirms that this clone binds to its target antigen. For lot specific binding validation data, e-mail <u>technicalservice@bioxcell.com</u>.



#### Bio X Cell, LLC https://bioxcell.com +1-866-787-3444 customerservice@bioxcell.com

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