

## Product datasheet for **BM4114F**

### Iba1 (AIF1) Mouse Monoclonal Antibody [Clone ID: 1022-5]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	1022-5
Applications:	FC, IHC
Recommended Dilution:	Has been described to work in <b>FACS</b> and <b>Immunohistochemistry on Paraffin Sections</b> .
Reactivity:	Human, Porcine, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Purified Human recombinant AIF-1. Epitope not further characterized.
Specificity:	The antibody reacts with AIF-1.
Formulation:	PBS, pH 7.2 Label: FITC State: Liquid purified IgG fraction Stabilizer: 10 mg/ml BSA Preservative: 0.09% Sodium Azide
Concentration:	0.4 mg/ml
Purification:	Affinity Chromatography
Conjugation:	FITC
Storage:	Store undiluted at 2-8°C. <b>DO NOT FREEZE!</b> This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	allograft inflammatory factor 1
Database Link:	<a href="#">Entrez Gene 29427 Rat</a> <a href="#">Entrez Gene 199 Human</a> <a href="#">P55008</a>



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**Background:**

Allograft Inflammatory Factor-1 is a  $\text{Ca}^{2+}$ -binding peptide produced by activated macrophages and microglial cells. It has been suggested that AIF-1 expression is associated with chronic inflammatory processes. AIF-1, like the  $\text{Ca}^{2+}$ -binding peptides MRP8 and MRP14, is expressed by activated macrophages and might participate in a variety of pathogenic processes in the mammalian brain and in chronic transplant rejection. It has been shown to be expressed early and persistently in chronically rejecting cardiac allografts but not in cardiac syngrafts and host hearts. The recently described apoptosis-inducing factor AIF is not related to AIF-1.

**Synonyms:**

AIF-1, Protein G1, IBA1, Allograft inflammatory factor 1

**Protein Families:**

Druggable Genome