

Product Datasheet

AIF-1/Iba1 Antibody (1022-5)

NBP1-50156

Unit Size: 0.05 mg

Store at 4C.

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NBP1-50156

AIF-1/Iba1 Antibody (1022-5)

Product Information	
Unit Size	0.05 mg
Concentration	0.1 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	1022-5
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Protein A or G purified
Buffer	0.2 um filtered solution in PBS and 0.1% BSA
Target Molecular Weight	16.7 kDa

Product Description	
Host	Mouse
Gene ID	199
Gene Symbol	AIF1
Species	Human, Rat
Reactivity Notes	Rat reactivity reported in scientific literature (PMID: 27036089).
Marker	pan-Microglia Marker
Specificity/Sensitivity	The monoclonal AIF-1/Iba1 Antibody (1022-5) is cross reactive with rat Allograft-inflammatory factor-1 (rat AIF-1). Human and rat amino acids sequences are 98% homologous.
Immunogen	This AIF-1/Iba1 Antibody (1022-5) was made using a portion of the human IBA1 gene.

Product Application Details	
Applications	Western Blot, Immunoassay, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:50, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:50, Immunoassay 1:50
Application Notes	This antibody works in Immunoassay, Immunohistochemistry-Paraffin, Western Blot. For immunohistology on paraffin sections, a combination of microwave and sodium citrate solution is recommended for antigen retrieval.



Images

Immunohistochemistry-Paraffin: AIF-1/Iba1 Antibody (1022-5) [NBP1-50156] - Rat brain tissue section stained with anti-Iba1 antibody. IHC-P image submitted by a verified customer review.



Publications

Kojo A, Yamada K, Yamamoto T. Glucose transporter 5 (GLUT5)-like immunoreactivity is localized in subsets of neurons and glia in the rat brain. *J. Chem. Neuroanat.* 2016-03-29 [PMID: 27036089] (IF/IHC, Rat)



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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