

IBA 1

Cat.No. 234 013; Polyclonal rabbit antibody, 50 µg specific antibody (lyophilized)

Data Sheet

Reconstitution/ Storage	50 µg specific antibody, lyophilized. Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization. For reconstitution add 50 µl H ₂ O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use.
Applications	WB: 1 : 1000 (AP staining) IP: not tested yet ICC: 1 : 1000 IHC: 1 : 1000 up to 1 : 5000 IHC-P/FFPE: 1 : 1000
Immunogen	Synthetic peptide corresponding to AA 131 to 146 from mouse IBA1 (UniProt Id: Q9EQW9)
Reactivity	Reacts with: rat (P55009), mouse (O70200), human (P55008). Other species not tested yet.
Specificity	Specific for IBA 1.

TO BE USED IN VITRO / FOR RESEARCH ONLY

NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

Ionized calcium-binding adaptor molecule 1 (**IBA 1**) or allograft inflammatory factor 1 (**AIF 1**) is an EF hand calcium binding protein which is expressed selectively in microglia/macrophages. Microglia are the smallest of the glial cell types in the central nervous system with cell bodies of only 2-5 µm in diameter.

IBA 1 expression has been suggested to be associated with the neuroinflammatory response and with transplant rejection.

Selected General References

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