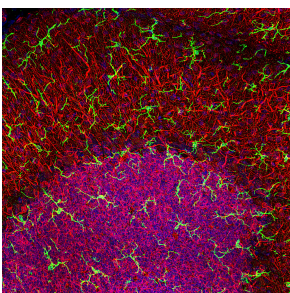


## Anti-Iba1 Antibody (A104332)

### Specifications:

|                        |  |
|------------------------|--|
| Name:                  | Anti-Iba1 Antibody   |
| Description:           | Rabbit polyclonal antibody to Iba1.  |
| Applications:          | WB, ICC/IF, IHC  |
| Recommended Dilutions: | WB: 1:1,000-1:5,000, ICC/IF: 1:2,000-1:5,000   |
| Reactivity:            | Human, Rat, Mouse  |
| Immunogen:             | Peptide identical to the C-terminal part of human Iba1, coupled to KLH.                      |
| Host:                  | Rabbit   |
| Clonality:             | Polyclonal   |
| Isotype:               | IgG  |
| Conjugate:             | Unconjugated   |
| Molecular Weight:      | 17 kDa   |
| Purity:                | Whole antiserum.   |
| Product Form:          | Liquid   |
| Formulation:           | Supplied as an aliquot of serum with 5mM Sodium Azide.                                       |
| Storage:               | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.        |
| Disclaimer:            | This product is for research use only. It is not intended for diagnostic or therapeutic use. |

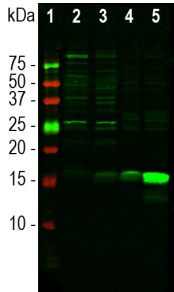
### Images:



High magnification stacked confocal image of rat cerebellar molecular layer at top and granular layer below, stained with Anti-IBA1 Antibody (1:1,000 | green). Microglia are very small cells with fine processes spreading in three dimensions and so are best visualized in a confocal Z stack. Red shows the processes of Purkinje cells and the perikarya of granule cells revealed with Anti-MAP2 Antibody (1:5,000). Nuclear DNA is shown with DAPI stain in blue.

## Anti-Iba1 Antibody (A104332)

Images continued:



Western blot analysis of different tissue lysates using Anti-IBA1 Antibody (1:1,000 | green): [1] protein standard (red), [2] mouse brain, [3] rat brain, [4] mouse spleen, and [5] rat spleen. The band at about 15kDa mark corresponds to IBA1 protein. IBA1 is a relatively minor protein of brain and is much more abundant in spleen, so the 15kDa band is less obvious in CNS lysates. The other bands seen in the CNS lysates are of unknown origin but do not appear to compromise the microglial specific staining seen with this antibody.