

## Anti Arg1, Rabbit 抗 Arg1, ウサギ

### 【Background】

Arginase 1 (Arg1) is a type of hydrolase that converts arginine to ornithine and urea. As it is highly expressed in protective (M2-type), activated microglia/macrophages, it is known to be a marker for M2 microglia/macrophages<sup>1)</sup>.

Although microglia, which are specific glial cells in the central nervous system, and macrophages, which work as phagocytic cells in the periphery, usually exist in resting forms, they are converted to active forms on stimulation by LPS (Lipopolysaccharide) and other activators. Activated microglia/macrophages are classified into injurious (M1) and protective (M2) types, each of which is involved in immune function<sup>1)</sup>.

This product is a rabbit polyclonal antibody against Arg1. It can be used for Arg1 immunocytochemistry.

### 【Details】

- Purification : Purified from rabbit serum by antigen affinity chromatography
- Reactivity : Reactive to Arg1
- Antigen : A synthetic peptide of Arg1
- Clone No. : None (polyclonal antibody)
- Species cross-reactivity : Mouse
- Host : Rabbit
- Concentration : Described on the label
- Description : Liquid
- Composition : PBS, 0.05% sodium azide

### 【Application】

Immunocytochemistry 1 : 100-500

\*The optimum concentration should be determined in each laboratory.

### 【Storage】

Store at -20°C.

Avoid repeated freezing and thawing.

### 【Package】

Code No.	Package
018-28361	100 µL

### 【Reference】

- 1) Xiaoming, H., *et al.* : Nat. Rev. Neurol., 11, 1, 56 (2015).

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