

## Anti-Arginase, type 1/ARG1 antibody (C-Term) (STJ71133)

### GENERAL INFORMATION

|               |                     |
|---------------|---------------------|
| Product Type  | Primary antibodies  |
| Applications  | Pep-ELISA/WB/IHC/IF |
| Host / Source | Goat                |
| Reactivity    | Human/Dog           |

### PRODUCT PROPERTIES

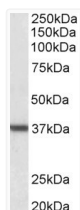
|                     |                                                                                                                                                                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Polyclonal                                                                                                                                                                                                                                                |
| Concentration       | 0.5 mg/mL                                                                                                                                                                                                                                                 |
| Conjugation         | Unconjugated                                                                                                                                                                                                                                              |
| Purification        | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.                                                                                                                     |
| Dilution Range      | Peptide ELISA: antibody detection limit dilution 1:2000.<br>WB: Approx 37kDa band observed in Human Liver lysates (calculated MW of 34.7kDa according to NP_000036.2. Recommended concentration: 0.01-0.03µg/ml. Primary incubation 1 hour at room temper |
| Formulation         | 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA                                                                                                                                                                    |
| Isotype             | IgG                                                                                                                                                                                                                                                       |
| Storage Instruction | Store at -20°C on receipt and minimise freeze-thaw cycles.                                                                                                                                                                                                |

### TARGET INFORMATION

|                    |                                                                                                          |
|--------------------|----------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">383</a>                                                                                      |
| Gene Symbol        | <a href="#">ARG1</a>                                                                                     |
| UniProt ID         | <a href="#">ARG1_HUMAN</a>                                                                               |
| Immunogen Region   | C-Term                                                                                                   |
| Immunogen Sequence | REGNHKPIDYLNPPK                                                                                          |
| Specificity        | Please note that ARG1 is not expressed in Human M2 macrophages, but it is in other species (eg rodents). |

### ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



STJ71133 (0. 01µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.