

## Anti-Duffy/FY/DARC antibody (N-Term) (STJ70779)

STJ70779

### GENERAL INFORMATION

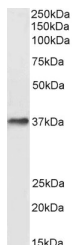
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|--------------------------|---|
| <b>Product Type</b>      | Primary antibodies  |
| <b>Short Description</b> | Goat polyclonal antibody anti-Duffy/FY/DARC (N-Term) is suitable for use in ELISA, Western Blot, Immunohistochemistry and Flow Cytometry research applications. |
| <b>Applications</b>      | Pep-ELISA/WB/IHC/FC   |
| <b>Host/Source</b>       | Goat  |
| <b>Reactivity</b>        | Human   |

### PRODUCT PROPERTIES

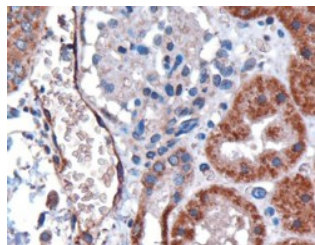
|                       |  |
|-----------------------|--|
| <b>Clonality</b>      | Polyclonal   |
| <b>Clone ID</b>       |  |
| <b>Concentration</b>  | 0.5 mg/mL  |
| <b>Conjugation</b>    | Unconjugated   |
| <b>Purification</b>   | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.  |
| <b>Dilution Range</b> | Peptide ELISA: antibody detection limit dilution 1:16000.<br>WB: Approx 37kDa band observed in Human Liver lysates (calculated MW of 35.6kDa according to NP_002027.2). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.<br>IHC: In |
| <b>Formulation</b>    | 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA   |
| <b>Isotype</b>        | IgG  |
| <b>Storage</b>        | Store at -20°C on receipt and minimise freeze-thaw cycles.   |
| <b>Instruction</b>    |  |

### TARGET INFORMATION

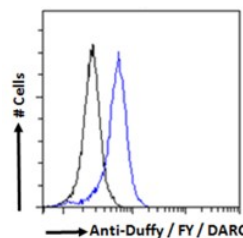
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|---------------------------|--|
| <b>Gene ID</b>            | 2532   |
| <b>Gene Symbol</b>        | ACKR1  |
| <b>Uniprot ID</b>         | ACKR1_HUMAN  |
| <b>Immunogen</b>          |  |
| <b>Immunogen Region</b>   | N-Term   |
| <b>Specificity</b>        | This antibody is expected to recognize both reported isoforms (NP_001116423.1; NP_002027.2). |
| <b>Immunogen Sequence</b> | HRAELSPSTENSSQLDFED  |



STJ70779 (0.3µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ70779 (3µg/ml) staining of paraffin embedded Human Kidney. Microwaved antigen retrieval with citrate buffer Ph 6, HRP-staining.



Flow cytometric analysis of paraformaldehyde fixed HEK293 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10µg/ml) followed by Alexa Fluor 488 secondary antibody (0.4µg/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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