

## Goat Duffy/FY/DARC Polyclonal Antibody | anti-DARC antibody

Goat anti-Duffy/FY/DARC Antibody

| CATALOG # | HOST | REACTIVITY                                              | APPLICATIONS                                                                |
|-----------|------|---------------------------------------------------------|-----------------------------------------------------------------------------|
| AAA61158  | Goat | Tested: Human; Expected from sequence similarity: Human | Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot, ELISA |

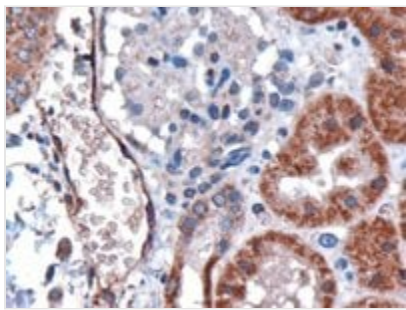
### PRODUCT SYNONYMS

Duffy/FY/DARC; Polyclonal Antibody; Goat anti-Duffy/FY/DARC Antibody; FY; DARC; HGNC: 4035; Duffy blood group; CCBP1; GPD; CTA-134P22.3; CD234; OTTHUMP00000060081; chemokine receptor; Duffy blood group antigen; Glycoprotein D; Dfy; GpFy; WBCQ1; Fy glycoprotein; OTTHUMP00000035293; OTTHUMP00000035294; FY antibody; DARC antibody; HGNC: 4035 antibody; Duffy blood group antibody; CCBP1 antibody; GPD antibody; CTA-134P22.3 antibody; CD234 antibody; OTTHUMP00000060081 antibody; chemokine receptor antibody; Duffy blood group antigen antibody; Glycoprotein D antibody; Dfy antibody; GpFy antibody; WBCQ1 antibody; Fy glycoprotein antibody; OTTHUMP00000035293 antibody; OTTHUMP00000035294 antibody; Duffy / FY / DARC; anti-DARC antibody

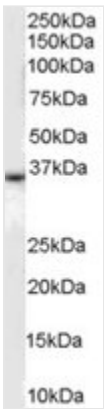
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                       |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Goat                                                                                                                                  |
| Reactivity                                     | Tested: Human; Expected from sequence similarity: Human                                                                               |
| Clonality                                      | Polyclonal                                                                                                                            |
| Purity/Purification                            | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Form/Format                                    | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.                                       |
| Concentration                                  | 100ug specific antibody in 200ul (varies by lot)                                                                                      |
| Sequence                                       | HRAELSPSTE NSSQLDFED                                                                                                                  |
| Sequence Length                                | 338                                                                                                                                   |
| Applicable Applications for anti-DARC antibody | FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)                                       |
| Immunogen                                      | Peptide with sequence HRAELSPSTENSSQLDFED-C, from the N Terminus of the protein sequence according to NP_001116423.1; NP_002027.2.    |
| Epitope                                        | N Terminus                                                                                                                            |
| Note                                           | This antibody is expected to recognize both reported isoforms (NP_001116423.1; NP_002027.2).                                          |
| Preparation and Storage                        | Aliquot and store at -20 degree C. Minimize freezing and thawing.                                                                     |

IMAGES



**IHC (Immunohistochemistry)**  
3ug/ml staining of paraffin embedded human kidney. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.



**WB (Western Blot)**  
0.1ug/ml staining of human liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

|                                  |                                                   |
|----------------------------------|---------------------------------------------------|
| NCBI GI #                        | 171846251                                         |
| NCBI GeneID                      | 2532                                              |
| NCBI Accession #                 | NP_001116423.1; NP_002027.2                       |
| NCBI GenBank Nucleotide #        | NM_001122951.2                                    |
| Molecular Weight                 | 35,678 Da                                         |
| NCBI Official Full Name          | atypical chemokine receptor 1 isoform a           |
| NCBI Official Synonym Full Names | atypical chemokine receptor 1 (Duffy blood group) |
| NCBI Official Symbol             | ACKR1                                             |
| NCBI Official Synonym Symbols    | FY; Dfy; GPD; DARC; GpFy; CCBP1; CD234; WBCQ1     |
| NCBI Protein Information         | atypical chemokine receptor 1                     |
| UniProt Protein Name             | Atypical chemokine receptor 1                     |
| UniProt Gene Name                | ACKR1                                             |
| UniProt Synonym Gene Names       | DARC; FY; GPD; GpFy                               |
| UniProt Entry Name               | ACKR1_HUMAN                                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.