

## Immunotag™ Fibronectin 1 Antibody

| Antibody Specification |                                                                                                                                                                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No.            | ITA1507                                                                                                                                                                                                                                 |
| Product Description    | Immunotag™ Fibronectin 1 Antibody                                                                                                                                                                                                       |
| Size                   | 100 µg, 200 µg                                                                                                                                                                                                                          |
| Conjugation            | HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647                                                                                                           |
| IMPORTANT NOTE         | This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.                                                                      |
| Target Protein         | Fibronectin 1                                                                                                                                                                                                                           |
| Clonality              | Polyclonal                                                                                                                                                                                                                              |
| Storage/Stability      | -20°C/1 year                                                                                                                                                                                                                            |
| Application            | WB,IHC,IF/ICC,ELISA                                                                                                                                                                                                                     |
| Recommended Dilution   | WB 1:500-1:2000,IHC 1:50-1:200,IF 1:100-1:500                                                                                                                                                                                           |
| Concentration          | 1 mg/ml                                                                                                                                                                                                                                 |
| Reactive Species       | Human,Mouse,Rat                                                                                                                                                                                                                         |
| Host Species           | Rabbit                                                                                                                                                                                                                                  |
| Immunogen              | A synthesized peptide derived from human Fibronectin 1                                                                                                                                                                                  |
| Specificity            | Fibronectin 1 Antibody detects endogenous levels of total Fibronectin 1                                                                                                                                                                 |
| Purification           | The antiserum was purified by peptide affinity chromatography.                                                                                                                                                                          |
| Form                   | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt                                                                             |
| Gene Name              | FN1                                                                                                                                                                                                                                     |
| Accession No.          | P02751                                                                                                                                                                                                                                  |
| Alternate Names        | CIG; Cold insoluble globulin; Cold-insoluble globulin; DKFZp686F10164; DKFZp686H0342; DKFZp686I1370; DKFZp686O13149; ED B; Fibronectin 1; FINC; FINC_HUMAN; FN; FN1; FNZ; GFND; GFND2; LETS; Migration stimulating factor; MSF; Ugl-Y3; |

## Antibody Specification

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| Description               | Fibronectins bind cell surfaces and various compounds including collagen, fibrin, heparin, DNA, and actin. Fibronectins are involved in cell adhesion, cell motility, opsonization, wound healing, and maintenance of cell shape. Involved in osteoblast compaction through the fibronectin fibrillogenesis cell-mediated matrix assembly process, essential for osteoblast mineralization. Participates in the regulation of type I collagen deposition by osteoblasts. |
| Cell Pathway/<br>Category | Primary Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Protein MW                | 263 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Usage                     | For Research Use Only! Not for diagnostic or therapeutic procedures.                                                                                                                                                                                                                                                                                                                                                                                                     |