

## Immunotag™ STRAD Antibody

| Antibody Specification |                                                                                                                                                                                                                                                                                                            |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No.            | ITA4220                                                                                                                                                                                                                                                                                                    |
| Product Description    | Immunotag™ STRAD 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         | STRAD                                                                                                                                                                                                                                                                                                      |
| Clonality              | Polyclonal                                                                                                                                                                                                                                                                                                 |
| Storage/Stability      | -20°C/1 year                                                                                                                                                                                                                                                                                               |
| Application            | WB,IF/ICC,ELISA                                                                                                                                                                                                                                                                                            |
| Recommended Dilution   | WB 1:500~1:1000, IF/ICC 1:100-1:500                                                                                                                                                                                                                                                                        |
| Concentration          | 1 mg/ml                                                                                                                                                                                                                                                                                                    |
| Reactive Species       | Human,Mouse                                                                                                                                                                                                                                                                                                |
| Host Species           | Rabbit                                                                                                                                                                                                                                                                                                     |
| Immunogen              | A synthesized peptide                                                                                                                                                                                                                                                                                      |
| Specificity            | STRAD Antibody detects endogenous levels of total STRAD                                                                                                                                                                                                                                                    |
| 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              | STRADA                                                                                                                                                                                                                                                                                                     |
| Accession No.          | Q7RTN6                                                                                                                                                                                                                                                                                                     |
| Alternate Names        | Protein kinase LYK5; Serologically defined breast cancer antigen NY BR 96; STE20 related adapter protein; STRAD alpha; STRAD;                                                                                                                                                                              |
| Description            | Pseudokinase which, in complex with CAB39/MO25 (CAB39/MO25alpha or CAB39L/MO25beta), binds to and activates STK11/LKB1. Adopts a closed conformation typical of active protein kinases and binds STK11/LKB1 as a pseudosubstrate, promoting conformational change of STK11/LKB1 in an active conformation. |

## Antibody Specification

|                           |                                                                      |
|---------------------------|----------------------------------------------------------------------|
| Cell Pathway/<br>Category | Primary Polyclonal Antibody                                          |
| Protein MW                | 46 KD                                                                |
| Usage                     | For Research Use Only! Not for diagnostic or therapeutic procedures. |