

Immunotag™ Nestin Antibody

| Antibody Specification | |
|------------------------|---|
| Catalog No. | ITA7755 |
| Product Description | Immunotag™ Nestin 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 | Nestin |
| Clonality | Polyclonal |
| Storage/Stability | -20°C/1 year |
| Application | WB,IHC,IF/ICC,ELISA,IHC-P |
| Recommended Dilution | WB 1:1000-3000,IHC 1:50-200, IF/ICC 1:100-1:500 |
| Concentration | 1 mg/ml |
| Reactive Species | Human,Mouse,Rat |
| Host Species | Rabbit |
| Immunogen | A synthesized peptide derived from human Nestin |
| Specificity | Nestin Antibody detects endogenous levels of total Nestin |
| 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 | NES |
| Accession No. | P48681 |
| Alternate Names | ESTM 46; FLJ 21841; FLJ21841; Intermediate filament protein; Nbla00170; nes; NEST_HUMAN; Nestin; |
| Description | Required for brain and eye development. Promotes the disassembly of phosphorylated vimentin intermediate filaments (IF) during mitosis and may play a role in the trafficking and distribution of IF proteins and other cellular factors to daughter cells during progenitor cell division. Required for survival, renewal and mitogen-stimulated proliferation of neural progenitor cells (By similarity). |

Antibody Specification

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| Cell Pathway/ Category | Primary Polyclonal Antibody |
| Protein MW | 200 kDa |
| Usage | For Research Use Only! Not for diagnostic or therapeutic procedures. |