

Immunotag™ Phospho-ICAM-1 (Tyr512) Antibody

| Antibody Specification | |
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| Catalog No. | ITA0860 |
| Product Description | Immunotag™ Phospho-ICAM-1 (Tyr512) 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 | Phospho-ICAM-1 (Tyr512) |
| 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/ICC 1:100-1:500 |
| Concentration | 1 mg/ml |
| Reactive Species | Human,Mouse |
| Host Species | Rabbit |
| Immunogen | A synthesized peptide derived from human ICAM-1 around the phosphorylation site of Tyrosine 512 |
| Specificity | Phospho-ICAM-1 (Tyr512) Antibody detects endogenous levels of ICAM-1 only when phosphorylated at Tyrosine 512 |
| Purification | The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns. |
| 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 | ICAM1 |
| Accession No. | P05362 |

Antibody Specification

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| Alternate Names | Antigen identified by monoclonal antibody BB2; BB 2; BB2; CD 54; CD_antigen=CD54; CD54; Cell surface glycoprotein P3.58; Human rhinovirus receptor; ICAM 1; ICAM-1; ICAM1; ICAM1_HUMAN; intercellular adhesion molecule 1 (CD54), human rhinovirus receptor; Intercellular adhesion molecule 1; Major group rhinovirus receptor; MALA 2; MALA2; MyD 10; MyD10; P3.58; Surface antigen of activated B cells, BB2; |
| Description | ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). During leukocyte trans-endothelial migration, ICAM1 engagement promotes the assembly of endothelial apical cups through ARHGEF26/SGEF and RHOG activation. |
| Cell Pathway/ Category | Primary Polyclonal Antibody |
| Protein MW | 92kDa |
| Usage | For Research Use Only! Not for diagnostic or therapeutic procedures. |