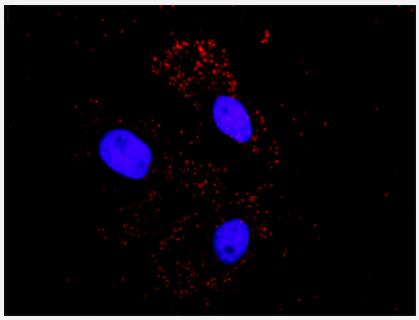
ICAM1(phospho Y512) & ICAM1 Protein Phosphorylation Antibody Pair

Catalog # DP0195 Size 1 Set

Applications



Representative image of Proximity Ligation Assay of protein phosphorylation. HeLa cells were stained with dual recognition antibody pair set, rabbit polyclonal antibody 1:1200 and mouse monoclonal antibody 1:50. Each red dot represents one single phosphorylated protein. The images were analyzed using an optimized freeware (BlobFinder) download from The Centre for Image Analysis at Uppsala University.

Specification

Product Description	This protein phosphorylation antibody pair set comes with two antibodies, one against the ICAM1 protein, and the other against the specific Y512 phosphorylated site of ICAM1 for use in *in situ* Proximity Ligation Assay. See Publication Reference below.
Reactivity	Human
Quality Control Testing	Dual recognition immunofluorescence result. Representative image of Proximity Ligation Assay of protein phosphorylation. HeLa cells were stained with dual recognition antibody pair set, rabbit polyclonal antibody 1:1200 and mouse monoclonal antibody 1:50. Each red dot represents one single phosphorylated protein. The images were analyzed using an optimized freeware (BlobFinder) download from The Centre for Image Analysis at Uppsala University.
Supplied Products	Antibody pair set content: 1. Phospho-ICAM1 Y512 rabbit polyclonal antibody (20 ul) In PBS (without Mg2+ and Ca2+), 150 mM NaCl, pH 7.4 (0.02% sodium azide, 50% glycerol) 2. ICAM1 mouse monoclonal antibody (40 ug) In 1x PBS, pH 7.2 *Reagents are sufficient for at least 30-50 assays using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

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Applications

- *In situ* Proximity Ligation Assay (Cell)

Gene Info — ICAM1

Entrez GeneID	3383
Gene Name	ICAM1
Gene Alias	BB2, CD54, P3.58
Gene Description	intercellular adhesion molecule 1
Omim ID	147840 248310 611162
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a cell surface glycoprotein which is typically expressed on endothelial cells and cells of the immune system. It binds to integrins of type CD11a / CD18, or CD11b / CD18 and is also exploited by Rhinovirus as a receptor. [provided by RefSeq
Other Designations	cell surface glycoprotein P3.58|human rhinovirus receptor|intercellular adhesion molecule 1 (CD54), human rhinovirus receptor

Pathway

- Cell adhesion molecules (CAMs)
- Leukocyte transendothelial migration
- Natural killer cell mediated cytotoxicity

Disease

- Acute Disease
- Albuminuria
- Alzheimer disease
- Amyotrophic lateral sclerosis

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- Anemia
- Angina Pectoris
- Arterial Occlusive Diseases
- Arthritis
- Asthma
- Astrocytoma
- Atherosclerosis
- Autoimmune Diseases
- Behcet Syndrome
- Biliary Atresia
- Birth Weight
- Blood Coagulation Disorders
- Brain Ischemia
- Breast cancer
- Breast Neoplasms
- Bronchiolitis
- Calcinosis
- Carcinoma
- Cardiovascular Diseases
- Celiac Disease
- Cerebrovascular Accident
- Cerebrovascular Disorders
- Chlamydia Infections
- Cholangitis
- Chronic Disease
- Cicatrix

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- Colitis
- Colorectal Neoplasms
- Common Cold
- Community-Acquired Infections
- Constriction
- Coronary Artery Disease
- Coronary Disease
- Coronary Restenosis
- Crohn Disease
- Dementia
- Diabetes Complications
- Diabetes Mellitus
- Diabetic Nephropathies
- Diabetic Retinopathy
- Disease Progression
- Disease Susceptibility
- Edema
- Encephalitis
- Endometriosis
- Erythema Nodosum
- Esophageal Neoplasms
- Fatigue Syndrome
- Fibrosis
- Gastrointestinal Hemorrhage
- Gastroschisis
- Genetic Diseases

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- Genetic Predisposition to Disease
- Glioblastoma
- Glioma
- Glomerulonephritis
- Graves Disease
- Graves Ophthalmopathy
- Head and Neck Neoplasms
- Hematologic Diseases
- Hepatitis B
- Hepatitis C
- HIV Infections
- Hodgkin Disease
- Hypercholesterolemia
- Hyperlipidemias
- Hypersensitivity
- Hypertension
- Infant
- Infection
- Inflammation
- Inflammatory Bowel Diseases
- Insulin Resistance
- Ischemia
- Kidney Diseases
- Kidney Failure
- Leukemia
- Lung Neoplasms

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- Lymphoma
- Lymphoproliferative Disorders
- Malaria
- Malignant melanoma
- Melanoma
- Meningeal Neoplasms
- Meningioma
- Metabolic Syndrome X
- Migraine Disorders
- Multiple Myeloma
- Multiple Sclerosis
- Multiple System Atrophy
- Myocardial Infarction
- Myocardial Reperfusion Injury
- Neoplasm Recurrence
- Neoplasms
- Obesity
- Occupational Diseases
- Osteoporosis
- Ovarian cancer
- Ovarian Neoplasms
- Pancreatitis
- Parkinson disease
- Periodontitis
- Peripheral Arterial Disease
- Peripheral Vascular Diseases

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- Pneumonia
- Polymyalgia Rheumatica
- Postoperative Complications
- Postoperative Hemorrhage
- Premature Birth
- Prostate cancer
- Prostatic Neoplasms
- Pseudoxanthoma Elasticum
- Pulmonary Disease
- Pulmonary Fibrosis
- Purpura
- Q Fever
- Recurrence
- Respiratory Distress Syndrome
- Respiratory Syncytial Virus Infections
- Sarcoidosis
- Schizophrenia
- Shock
- Skin Neoplasms
- Stroke
- Syndrome
- Systemic Inflammatory Response Syndrome
- Temporal Arteritis
- Thrombosis
- Trachoma
- Urinary Bladder Neoplasms

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- Urinary Tract Infections
- Uveitis
- Vasculitis
- Venous Thrombosis
- Vertebral Artery Dissection
- Vision Disorders
- Waldenstrom Macroglobulinemia
- Werner syndrome

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