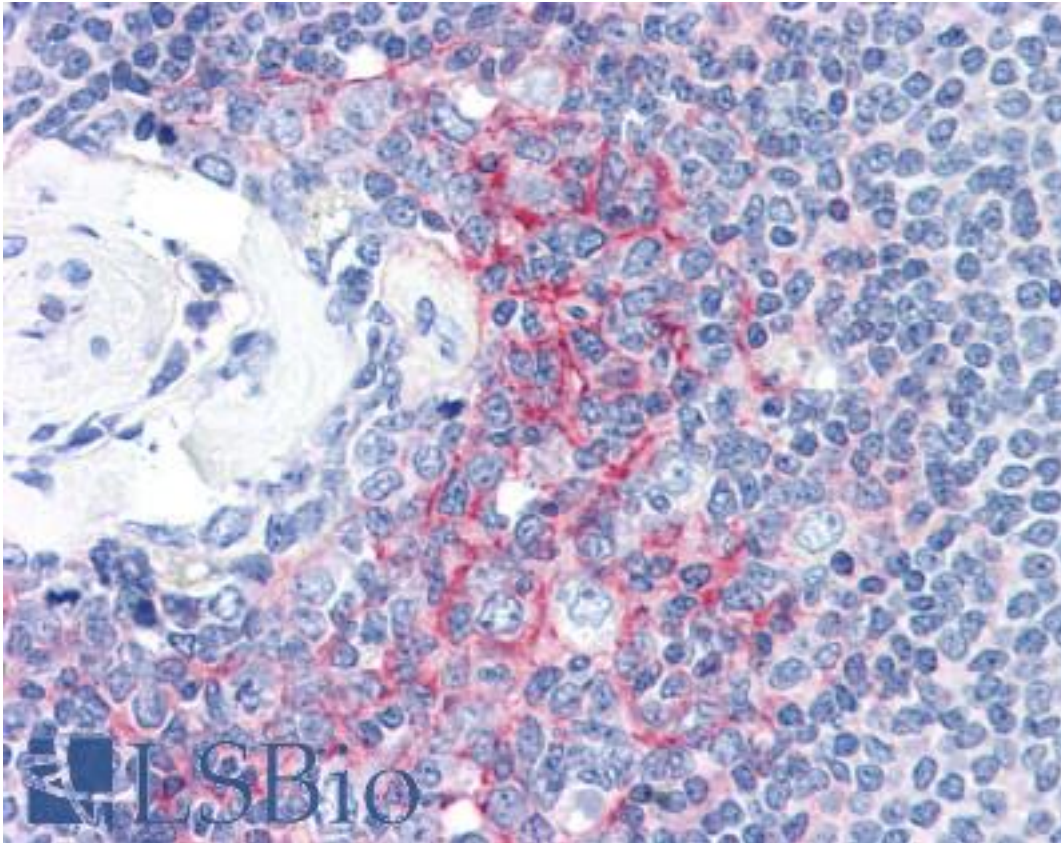


ICAM1 / CD54 Mouse anti-Human Monoclonal Antibody - LS-B2647 - LSBio	
CatalogID:	LS-B2647
Validation:	This antibody replaces catalog number LS-C13762. It has been validated for use in the following assays: IHC-P.
Target:	intercellular adhesion molecule 1 (ICAM1)
Synonyms:	ICAM1 Antibody, BB2 Antibody, CD54 antigen Antibody, CD54 Antibody, ICAM-1 Antibody, p3.58 Antibody
Family / Subfamily:	ICAM / not assigned-ICAM
Host	ICAM1 antibody was produced in Mouse
Clonality:	Monoclonal
Isotype:	IgG1
Immunogen Species:	ICAM1 / CD54 antibody was raised against Human
Antigen Type:	Cells
Immunogen:	ICAM1 / CD54 antibody was raised against human monocytes.
Specificity:	Recognizes the human CD54 cell surface antigen, a 90kD glycoprotein also known as ICAM-1. CD54 is expressed by many cells following activation by inflammatory mediators. Clone 3H1547 blocks CD54 function.
Reactivity:	Human
Purification:	Protein G purified
Presentation:	PBS, pH 7.4, 0.09% sodium azide
Recommended Storage:	+4°C or -20°C, Avoid repeated freezing and thawing.
Usage Summary:	Immunohistochemistry: LS-B2647 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B2647 was determined to be 10 ug/ml. Flow Cytometry: 1:50-1:100. Use 10 ul to label 10 ⁶ cells in 100ul. Positive control: Human Tonsil.
Uses:	IHC - Paraffin (10 µg/ml), IHC - Frozen (1:50 - 1:100), Immunoprecipitation, Flow Cytometry (1:50 - 1:100) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	1 mg/ml

Immunohistochemistry Image:



Anti-ICAM-1 antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B2647 concentration 10 ug/ml.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

Created on 9/23/2014

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