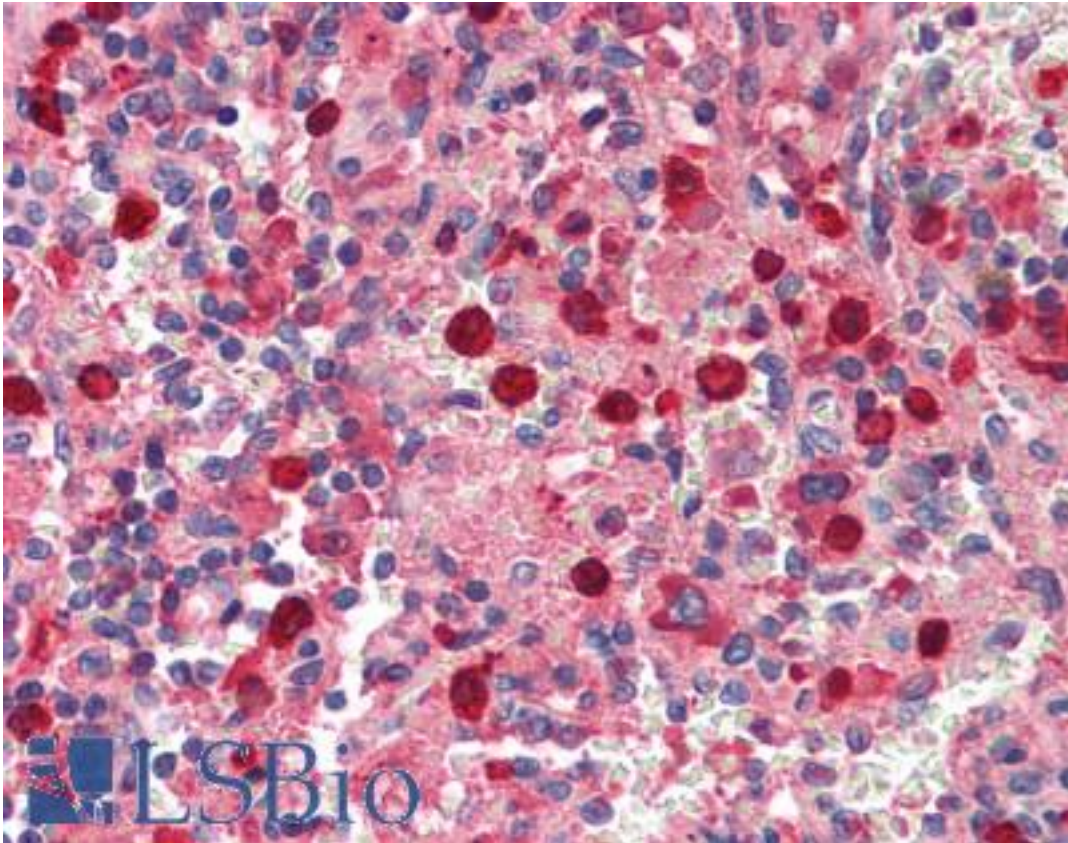


MPO / Myeloperoxidase Rabbit anti-Human Polyclonal Antibody - LS-B392 - LSBio

CatalogID:	LS-B392
Validation:	This antibody replaces catalog number LS-C19072. It has been validated for use in the following assays: IHC.
Target:	myeloperoxidase (MPO)
Synonyms:	MPO Antibody, Myeloperoxidase precursor Antibody, Myeloperoxidase Antibody
Host	MPO antibody was produced in Rabbit
Clonality:	Polyclonal
Immunogen Species:	MPO / Myeloperoxidase antibody was raised against Human
Specificity:	Myeloperoxidase [Human Leukocytes].
Reactivity:	Human
Purification:	Delipidated and defibrinated
Presentation:	PBS, pH 7.2, 0.01% sodium azide.
Recommended Storage:	+4°C or -20°C, Avoid repeated freezing and thawing.
Usage Summary:	Immunohistochemistry: LS-B392 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-B392 was determined to be 1:500.
Uses:	IHC - Paraffin (1:500), Immunofluorescence, Western blot, Immunoprecipitation, ELISA (Optimal dilution to be determined by the researcher)
Size:	50 µl
Concentration:	85 mg/ml

Immunohistochemistry Image:



Anti-MPO / Myeloperoxidase antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B392 dilution 1:500.

Western Blot Image:



Anti-Myeloperoxidase (Human White Blood Cell) Antibody - Western Blot. Anti-Myeloperoxidase [Human Leukocytes] detects multiple MPO subunits and chain combinations by western blot. Polyclonal rabbit-anti-Myeloperoxidase was used at a 1:5000 dilution to detect 1.0 ug of human myeloperoxidase. This antibody detects a multiple bands corresponding to 53 kD and 15 kD polypeptides and chain combinations forming 68 kD and 106 kD proteins. The staining of the 68 kD band is so intense that is over saturates the signal detection. A 4-20% gradient gel was used to separate the protein by SDS-PAGE. The protein was transferred to nitrocellulose using standard methods. After blocking the membrane was probed with the primary antibody for 2 h at room temperature followed by washes and reaction with a 1:5000 dilution of IRDye800 conjugated Gt-a-Rabbit IgG [H&L] (code for 30 min at room temperature. LICORs Odyssey Infrared Imaging System was used to scan and process the image. Other detection systems will yield similar results.

Western Blot Image:



Anti-Myeloperoxidase [Human Leukocytes] detects multiple MPO subunits and chain combinations by western blot. Polyclonal rabbit-anti-Myeloperoxidase was used at a 1:5000 dilution to detect 1.0 ug of human myeloperoxidase. This antibody detects a multiple bands corresponding to 53 kDa and 15 kDa polypeptides and chain combinations forming 68 kDa and 106 kDa proteins. The staining of the 68 kDa band is so intense that it over saturates the signal detection.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

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