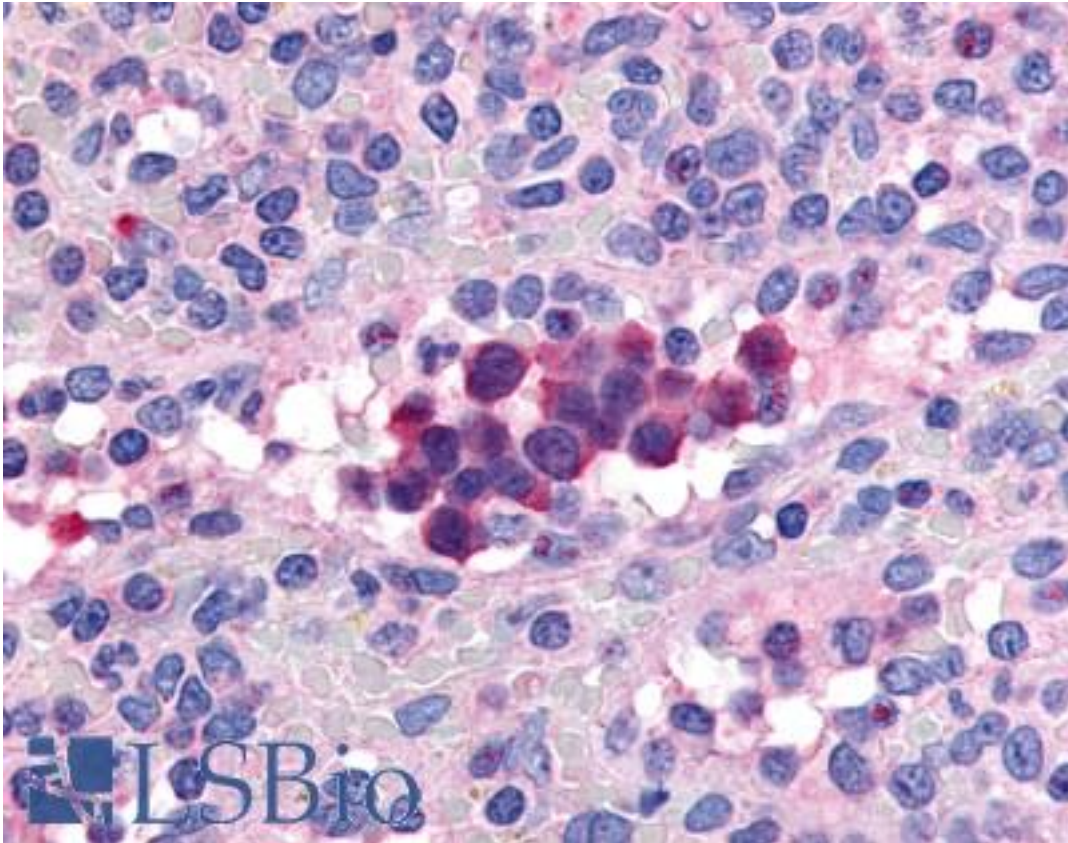


| PDE9A Rabbit anti-Human Polyclonal (Internal) Antibody - LS-A713 - LSBio |  |
|--|--|
| <b>CatalogID:</b>  | LS-A713  |
| <b>Target:</b>   | phosphodiesterase 9A (PDE9A)   |
| <b>Synonyms:</b>   | PDE9A Antibody, Pde9A1 Antibody, Pde9a2 Antibody, Pde9a3 Antibody, Pde9a4 Antibody, Phosphodiesterase 9A Antibody, Phosphodiesterase PDE9A21 Antibody, HSPDE9A2 Antibody   |
| <b>Family / Subfamily:</b>   | Phosphodiesterase / PDE - cGMP-specific  |
| <b>Host</b>  | PDE9A antibody was produced in Rabbit  |
| <b>Clonality:</b>  | Polyclonal   |
| <b>Immunogen Species:</b>  | PDE9A antibody was raised against Human  |
| <b>Antigen Type:</b>   | Synthetic peptide  |
| <b>Immunogen:</b>  | PDE9A antibody was raised against synthetic 17 amino acid peptide from internal region of human PDE9A. Percent identity with other species by BLAST analysis: Human, Gibbon, Monkey, Marmoset, Dog (100%); Gorilla, Mouse, Bat, Bovine, Panda, Pig, Turkey, Chicken (94%); Rat (88%); Elephant, Platypus, Lizard (82%).  |
| <b>Specificity:</b>  | Human PDE9A. BLAST analysis of the peptide immunogen showed no homology with other human proteins.   |
| <b>Epitope:</b>  | Internal   |
| <b>Reactivity:</b>   | Human, Gibbon, Monkey, Dog   |
| <b>Predicted Reactivity:</b>   | Gorilla, Mouse, Bat, Bovine, Pig, Chicken  |
| <b>Purification:</b>   | Immunoaffinity purified  |
| <b>Presentation:</b>   | PBS, 0.1% sodium azide.  |
| <b>Recommended Storage:</b>  | Long term: -70°C; Short term: +4°C   |
| <b>Usage Summary:</b>  | Immunohistochemistry: LS-A713 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-A713 was determined to be 20 ug/ml. |
| <b>Uses:</b>   | IHC - Paraffin (20 µg/ml) (Optimal dilution to be determined by the researcher)  |
| <b>Size:</b>   | 50 µg  |
| <b>Concentration:</b>  | 1 mg/ml  |

**Immunohistochemistry Image:**



Anti-PDE9A antibody LS-A713 IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

**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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