

Product datasheet

Anti-SP110 antibody ab55337

2 Images

Overview

| | |
|----------------------------|---|
| Product name | Anti-SP110 antibody |
| Description | Mouse monoclonal to SP110 |
| Host species | Mouse |
| Tested applications | Suitable for: WB, IHC-P |
| Species reactivity | Reacts with: Human |
| Immunogen | Recombinant fragment, corresponding to amino acids 271-381 of Human SP110 |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| Storage buffer | Preservative: None PBS, pH 7.2 |
| Purity | Protein G purified |
| Clonality | Monoclonal |
| Isotype | IgG2a |
| Light chain type | kappa |

Applications

Our [Abpromise guarantee](#) covers the use of **ab55337** in the following tested applications.

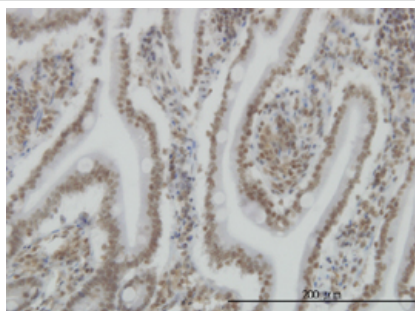
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|---|
| WB | | Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 79 kDa. |
| IHC-P | | Use a concentration of 3 µg/ml. |

Target

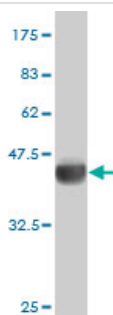
| | |
|---|--|
| Function | Transcription factor. May be a nuclear hormone receptor coactivator. Enhances transcription of genes with retinoic acid response elements (RARE). |
| Tissue specificity | Highly expressed in peripheral blood leukocytes and spleen. Detected at intermediate levels in thymus, prostate, testis, ovary, small intestine and colon, and at low levels in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. |
| Involvement in disease | Defects in SP110 are the cause of hepatic venoocclusive disease with immunodeficiency (VODI) [MIM:235550]. VODI is an autosomal recessive primary immunodeficiency associated with hepatic vascular occlusion and fibrosis. The immunodeficiency is characterized by severe hypogammaglobulinemia, combined T and B cell immunodeficiency, absent lymph node germinal centers, and absent tissue plasma cells. |
| Sequence similarities | Contains 1 bromo domain. Contains 1 HSR domain. Contains 1 PHD-type zinc finger. Contains 1 SAND domain. |
| Post-translational modifications | Phosphorylated (isoform 2). |
| Cellular localization | Nucleus. Found in the nuclear body. |

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SP110 antibody (ab55337)

SP110 antibody (ab55337) used in immunohistochemistry at 3ug/ml on formalin fixed and paraffin embedded human small Intestine.



Western blot - Anti-SP110 antibody (ab55337)

SP110 antibody (ab55337) at 1ug/lane + HeLa cell lysate at 25ug/lane.

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