

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.

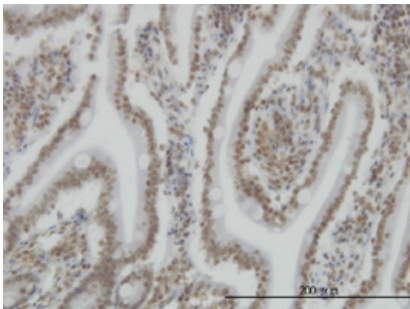
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

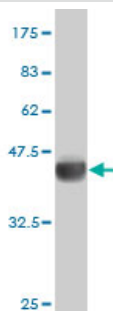
Function	Transcription factor. May be a nuclear hormone receptor coactivator. Enhances transcription of genes with retinoic acid response elements (RARE).
Tissue specificity	Highly expressed in peripheral blood leukocytes and spleen. Detected at intermediate levels in thymus, prostate, testis, ovary, 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) - SP110 antibody (ab55337)

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



Western blot - SP110 antibody (ab55337)

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

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