

Product datasheet

Anti-Thrombospondin antibody [A6.1] (Biotin) ab79450

4 References

概述

产品名称	Anti-Thrombospondin抗体[A6.1] (Biotin)
描述	小鼠单克隆抗体[A6.1] to Thrombospondin (Biotin)
宿主	Mouse
偶联物	Biotin
特异性	ab79450 shows no cross reaction with fibronectin, fibrinogen, and von Willebrand factor. It shows a mild cross reaction with Thrombospondin 2.
经测试应用	适用于: WB, IP, IHC-P, Flow Cyt, Electron Microscopy, ICC/IF
种属反应性	与反应: Mouse, Rat, Sheep, Horse, Cow, Dog, Human, Pig
免疫原	Reduced and alkylated purified human Thrombospondin (fully denatured) from the supernatant of thrombin activated platelets
表位	Collagen Type V binding domain of Thrombospondin
阳性对照	Platelets in placenta, megakaryocytes in bone marrow and tonsil
常规说明	ab79450 inhibits Thrombospondin collagen interaction. Its binding to Thrombospondin is unaffected by glycosaminoglycans (e.g. hyaluronic acid, chondroitin sulfate, and heparin). Its binding is enhanced by EDTA i.e. at low concentration of Ca ²⁺ .

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.09% Sodium Azide Constituents: 0.2% BSA, 10mM PBS, pH 7.4
纯度	Protein G purified
纯化说明	Purified from the ascites fluid by Protein G chromatography
Primary antibody说明	ab79450 inhibits Thrombospondin collagen interaction. Its binding to Thrombospondin is unaffected by glycosaminoglycans (e.g. hyaluronic acid, chondroitin sulfate, and heparin). Its binding is enhanced by EDTA i.e. at low concentration of Ca ²⁺ .
克隆	单克隆

克隆编号 A6.1
同种型 IgG1

应用

Our [Abpromise guarantee](#) covers the use of **ab79450** in the following tested applications.

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

应用	Ab评论	说明
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 130 kDa. For 2 hours at room temperature.
IP		Use at 2 µg/mg of lysate.
IHC-P		1/25 - 1/50.
Flow Cyt		Use at an assay dependent concentration. ab18434 -Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
Electron Microscopy		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.

靶标

功能 Adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions.

序列相似性 Belongs to the thrombospondin family.
Contains 3 EGF-like domains.
Contains 1 TSP C-terminal (TSPC) domain.
Contains 1 TSP N-terminal (TSPN) domain.
Contains 3 TSP type-1 domains.
Contains 8 TSP type-3 repeats.
Contains 1 VWFC domain.

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