

Product datasheet

Anti-Stanniocalcin 1/STC antibody [EPR6055] ab124891

Recombinant RabMAb

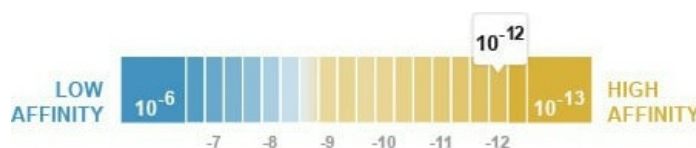
[2 References](#) [3 Images](#)

Overview

Product name	Anti-Stanniocalcin 1/STC antibody [EPR6055]
Description	Rabbit monoclonal [EPR6055] to Stanniocalcin 1/STC
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: ICC/IF or IHC-P
Species reactivity	Reacts with: Human Does not react with: Mouse, Rat
Immunogen	Synthetic peptide within Human Stanniocalcin 1/STC aa 200-300 (C terminal). The exact sequence is proprietary.
Positive control	Human Prostate, Ovary cancer and Plasma lysates.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Dissociation constant (K_D)	K _D = 2.10 x 10 ⁻¹² M



[Learn more about K_D](#)

Storage buffer pH: 7.2

Preservative: 0.05% Sodium azide
Constituents: 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant

Purity Protein A purified
Clonality Monoclonal
Clone number EPR6055
Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab124891 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

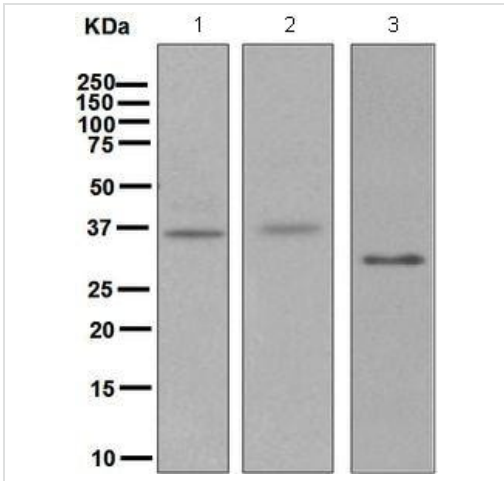
Application	Abreviews	Notes
WB		1/1000 - 1/10000. Detects a band of approximately 31-35 kDa (predicted molecular weight: 28 kDa).

Application notes Is unsuitable for ICC/IF or IHC-P.

Target

Function Stimulates renal phosphate reabsorption, and could therefore prevent hypercalcemia.
Tissue specificity Expressed in most tissues, with the highest levels in ovary, prostate, heart, kidney and thyroid. In the kidney, expression is confined to the nephron, specifically in the distal convoluted tubule and in the collecting tubule. Not detected in the brain, liver, spleen, peripheral blood leukocytes and adrenal medulla.
Sequence similarities Belongs to the stanniocalcin family.
Cellular localization Secreted.

Images



Western blot - Anti-Stanniocalcin 1/STC antibody [EPR6055] (ab124891)

All lanes : Anti-Stanniocalcin 1/STC antibody [EPR6055] (ab124891) at 1/1000 dilution

Lane 1 : Human Prostate lysate

Lane 2 : Human Ovary cancer lysate

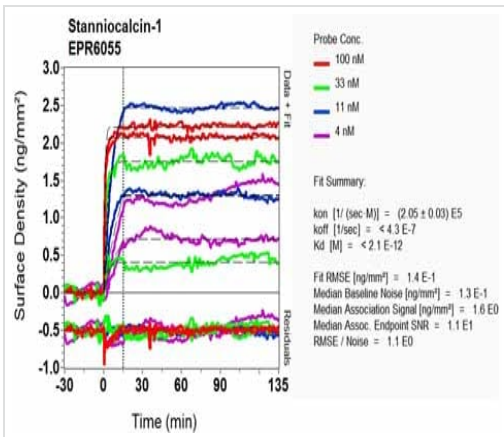
Lane 3 : Human Plasma lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-Rabbit HRP at 1/2000 dilution

Predicted band size: 28 kDa



O1-RD Scanning - Anti-Stanniocalcin 1/STC antibody [EPR6055] (ab124891)

Equilibrium disassociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

Why choose a recombinant antibody?

Research with confidence
Consistent and reproducible results

Long-term and scalable supply
Recombinant technology

Success from the first experiment
Confirmed specificity

Ethical standards compliant
Animal-free production

Anti-Stanniocalcin 1/STC antibody [EPR6055] (ab124891)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Response to your inquiry within 24 hours

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