abcam

Product datasheet

Anti-LSS antibody [EPR6704(B)] ab124785

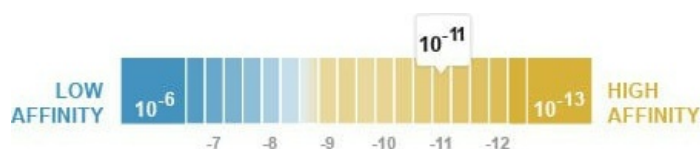Recombinant RabMAb

1 References   **5 Images**

Overview

Product name	Anti-LSS antibody [EPR6704(B)]
Description	Rabbit monoclonal [EPR6704(B)] to LSS
Host species	Rabbit
Tested applications	**Suitable for:** WB, IHC-P, Flow Cyt (Intra) **Unsuitable for:** IP
Species reactivity	**Reacts with:** Human
Immunogen	Synthetic peptide within Human LSS aa 650-750. The exact sequence is proprietary.
Positive control	WB: SH-SY5Y, HeLa, HT-1376 and Human fetal liver lysates. IHC-P: Human kidney tissue. Flow Cyt (intra): HeLa cells
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: - 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**. Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C.
Dissociation constant (K_D)	$K_D = 6.20 \times 10^{-11}$ M

LOW AFFINITY 10^{-6} 10^{-11} 10^{-13} HIGH AFFINITY

-7 -8 -9 -10 -11 -12

Storage buffer	pH: 7.20
	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	EPR6704(B)
Isotype	IgG

Applications

The Abpromise guarantee   Our **Abpromise guarantee** covers the use of ab124785 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
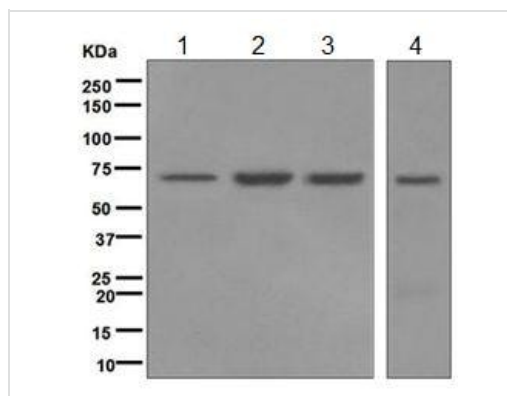
Application	Abreviews	Notes
WB		1/50000 - 1/200000. Predicted molecular weight: 83 kDa.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
Flow Cyt (Intra)		1/100. **ab172730** - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

Application notes   Is unsuitable for IP.

Target

Relevance   Catalyzes the cyclization of (S)-2,3 oxidosqualene to lanosterol, a reaction that forms the sterol nucleus.

Images

Western blot - Anti-LSS antibody [EPR6704(B)] (ab124785)

All lanes : Anti-LSS antibody [EPR6704(B)] (ab124785) at 1/50000 dilution

Lane 1 : SH-SY5Y cell lysate

Lane 2 : HeLa cell lysate
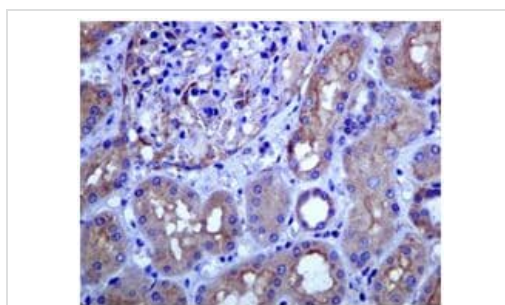
Lane 3 : HT-1376 cell lysate

Lane 4 : Human fetal liver tissue lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Standard HRP labelled goat anti-rabbit at 1/2000 dilution
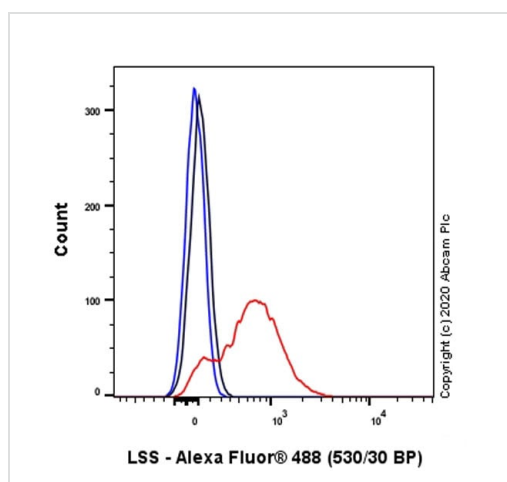
Predicted band size: 83 kDa

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LSS antibody [EPR6704(B)] (ab124785)
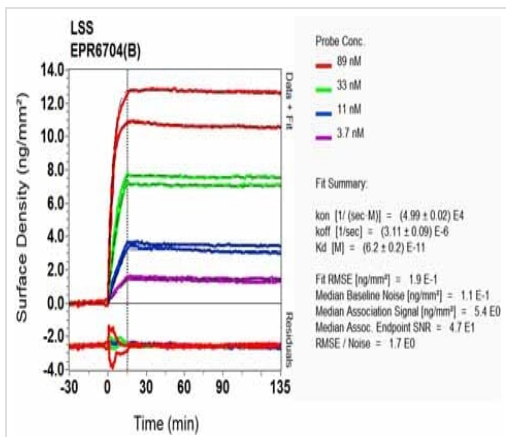
ab124785 at 1/50 dilution staining LSS in paraffin-embedded Human kidney tissues by Immunohistochemistry.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Flow Cytometry (Intracellular) - Anti-LSS antibody [EPR6704(B)] (ab124785)

Flow Cytometry analysis of HeLa (Human cervix adenocarcinoma epithelial cell) cells labeling LSS with purified ab124785 at 1/100 dilution (10 µg/mL) (Red). Cells were fixed with 4% Paraformaldehyde and permeabilised with 90% Methanol. A Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) secondary antibody was used at 1/2000. Isotype control - Rabbit monoclonal IgG (Black). Unlabeled control - Cell without incubation with primary antibody and secondary antibody (Blue).

OI-RD Scanning - Anti-LSS antibody [EPR6704(B)] (ab124785)

Equilibrium disassociation constant (K_D)

Learn more about K_D

Click here to learn more about K_D

Anti-LSS antibody [EPR6704(B)] (ab124785)

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