

Anti-SELL Antibody (C-term)

Catalog Number: A00652-1

About SELL

SELL is a cell surface component that is a member of a family of adhesion/homing receptors which play important roles in leukocyte-endothelial cell interactions. The molecule is composed of multiple domains: one homologous to lectins, one to epidermal growth factor, and two to the consensus repeat units found in C3/C4 binding proteins.

Overview

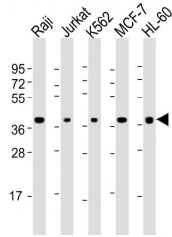
Product Name	Anti-SELL Antibody (C-term)
Reactive Species	Human
Description	Boster Bio Anti-SELL Antibody (C-term) (Catalog # A00652-1). Tested in IHC-P, WB, Flow Cytometry application(s). This antibody reacts with Human.
Application	Flow Cytometry, IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P14151

Technical Details

Immunogen	This SELL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 346-372 amino acids from the C-terminal region of human SELL.
Predicted Reactive Species	Bovine
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:2000 IHC-P: 1:10-1:50

	FC: 1:25
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Anti-SELL Antibody (C-term) (A00652-1) Images



All lanes : Anti-SELL Antibody (C-term) at 1:2000 dilution

Lane 1: Raji whole cell lysate

Lane 2: Jurkat whole cell lysate

Lane 3: K562 whole cell lysate

Lane 4: MCF-7 whole cell lysate

Lane 5: HL-60 whole cell lysate

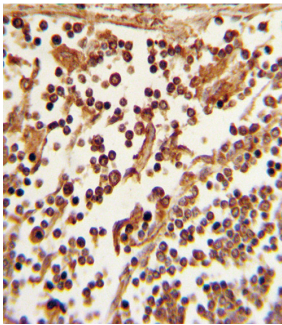
Lysates/proteins at 20 µg per lane.

Secondary

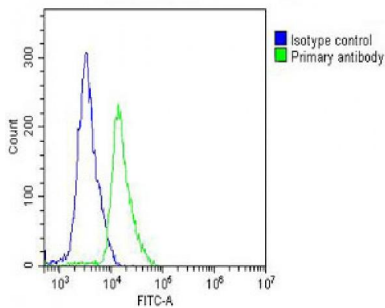
Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.

Predicted band size : 42 kDa

Blocking/Dilution buffer: 5% NFDM/TBST.



Formalin-fixed and paraffin-embedded human lymph tissue with SELL Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Overlay histogram showing Jurkat cells stained with A00652-1 (green line). The cells were fixed with 2% paraformaldehyde (10 min). The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (A00652-1, 1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG (1g/1x10⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.

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