

L-Selectin Polyclonal Antibody

CATALOG #:	3632-100
AMOUNT:	100 µg
LOT #:	_____
HOST:	Rabbit
IMMUNOGEN:	Synthetic peptide surrounding amino acid 69 of human L-Selectin (ID# BV-380)

FORMULATION:

100 µg (0.5 mg/ml) protein A purified rabbit anti-L-Selectin polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

SPECIES REACTIVITY: human

STORAGE CONDITIONS:

Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

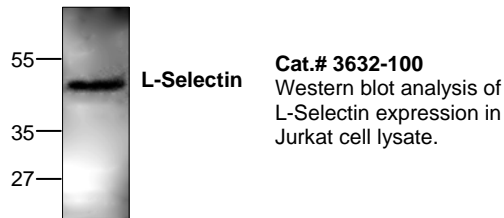
Selectins are a family of carbohydrate-binding proteins involved in mediating cellular interactions with leukocytes. E-Selectin (also called ELMA-1) expressed on endothelial cells. L-Selectin (also called LECAM-1) is expressed on the majority of B and naïve T cells and on most monocytes, neutrophils and eosinophils. P-Selectin (also called GMP-140) expressed on activated platelets and endothelial cells. Selectins interact with specific carbohydrates expressed by activated endothelial cells, monocytes, and neutrophils.

SPECIFICITY:

The antibody recognizes L-Selectin in human sample, and in a lesser extent to mouse, and rat samples.

APPLICATION:

The antibody can be used for Western blotting (0.5-4 µg/ml). Based on researcher's feedback, it can also be used in immunoprecipitation (10-20 µg/ml) and immunohistochemistry (10-20 µg/ml). However, the optimal concentrations should be determined individually.

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