

# Product Datasheet

## E-Selectin/CD62E Antibody (UZ4)

### NBP2-75919

Unit Size: 0.1 ml

Store at 4C short term. Store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-75919****E-Selectin/CD62E Antibody (UZ4)**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	UZ4
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgM
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS, pH 7.2
<b>Product Description</b>	
<b>Description</b>	The antibody is shipped at ambient temperature and may be stored at 4C. For prolonged storage prepare appropriate aliquots and store at or below -20C. Prior to use, an aliquot is thawed slowly in the dark at ambient temperature, spun down again and used to prepare working dilutions by adding sterile phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. Working dilutions should be stored at 4C, not refrozen, and preferably used the same day. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance or the concentration of the product.
<b>Host</b>	Rat
<b>Gene ID</b>	6401
<b>Gene Symbol</b>	SELE
<b>Species</b>	Human, Mouse
<b>Specificity/Sensitivity</b>	This antibody recognizes the minimal amino acid consensus sequence CXKKKL present in the lectin domain of both murine and Human E-Selectin/CD62E.
<b>Immunogen</b>	Derived by fusion of SP2/0 Mouse myeloma cells with spleen cells from a Lewis Rat immunized with LPS-activated mIEND1 cells expressing E-selectin at their cell surface.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:10-1:500
<b>Application Notes</b>	This antibody is suitable for immunoblotting, ELISA, immunoprecipitation and flow cytometry (dilution 1:500). To analyze E-selectin protein in frozen sections we refer to the anti E-selectin monoclonal antibodies UZ5, UZ6, and UZ7. For a functional UZ4 antibody that inhibits leucocyte adhesion to murine and Human activated endothelial cells refer to the E-selectin antibody for in vivo use which does not contain azide.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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