

## Purified anti-human LSP1

**Catalog # / Size:** 641301 / 25 µg  
641302 / 100 µg

**Clone:** 5E3

**Isotype:** Mouse IgG1, κ

**Immunogen:** HUT 102 cell lysates

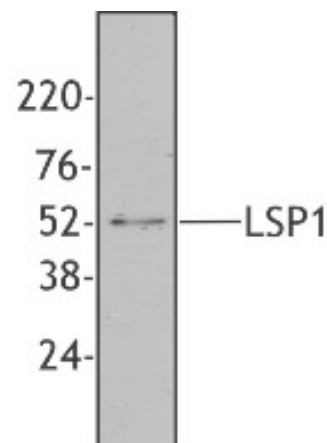
**Reactivity:** Human

**Preparation:** The antibody was purified by affinity chromatography.

**Formulation:** This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide. Final antibody concentration is 0.5 mg/ml.

**Concentration:** 0.5 mg/ml

**Storage:** Upon receipt, store at 4°C.



Cell extracts from THP-1 cells were western blotted with anti-LSP1, clone 5E3.

## Applications:

**Applications:** WB - *Quality tested*  
IF - *Reported in the literature*

**Recommended Usage:** Each lot of this antibody is quality control tested by Western blotting. Western blotting, suggested working dilution(s): Use 5 µg antibody per 5 ml antibody dilution buffer for each mini-gel. It is recommended that the reagent be titrated for optimal performance for each application.

**Application References:** Palkert T.J. et al. 1998. *Hybridoma* 17:497.

**Description:** Leukocyte-specific protein 1 (LSP1), is a calcium-dependent F-actin binding protein and a major downstream substrate of p38 mitogen-activated protein kinase as well as protein kinase C. LSP1 plays an important role in leukocyte chemotaxis. During T cell maturation, expression of LSP1 is low on immature CD4+CD8+ double positive thymocytes, but is highly expressed on mature single positive CD4 and CD8 T cells.

**Antigen References:** 1. Jongstra-Bilen J et al. 1990. *J. Immunol.* 144:1104.  
2. Kadiyala RK. et al. 1990. *Eur. J. Immunol.* 20:2417.  
3. Wu Y et al. 2007. *Biochem. Biophys. Res. Commun.* 358:170.

### Related Products: Product

HRP Goat anti-mouse IgG (minimal x-reactivity)  
Cy3 Goat anti-mouse IgG (minimal x-reactivity)  
AKP Goat anti-mouse IgG (minimal x-reactivity)

### Clone

Poly4053  
Poly4053  
Poly4053

### Application

ELISA, IHC, WB  
IF  
ELISA, WB, IHC



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