

Recombinant Ly-6A/E Monoclonal Antibody

catalog number: AN301591L

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

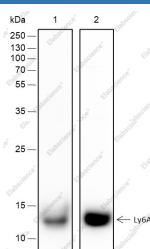
Reactivity	Mouse
Immunogen	Recombinant human Ly-6A/E fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C521214
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

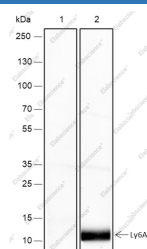
WB	1:500-1:2000
IHC	1:50-1:100

Data



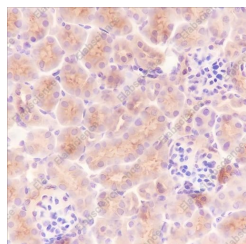
Western Blot with Ly-6A/E Monoclonal Antibody at dilution of 1:2000. Lane 1: Mouse thymus, Lane 2: C2C12

Observed-MW:13 kDa
Calculated-MW:14 kDa



Western Blot with Ly-6A/E Monoclonal Antibody at dilution of 1:2000. Lane 1: C2C12 cell lysate, the Ly6A Rabbit mAb pre-adsorbed with 3μM of the synthetic peptides, Lane 2: C2C12 cell lysate, the Ly6A Rabbit mAb with no peptide

blocking.
Observed-MW:13 kDa
Calculated-MW:14 kDa



Immunohistochemistry of paraffin-embedded Mouse testis using Ly-6A/E Monoclonal Antibody at dilution of 1:100.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.2

Stem cell antigen 1 (Ly6A) is a member of the lymphocyte antigen 6 (Ly-6) family, and is the main phenotypic marker of mouse hematopoietic progenitor/stem cell subsets. The Ly-6 family is involved in the regulation of B cell and T cell activation. Ly6A is expressed on pluripotent hematopoietic stem cells (HSC) and is used as a marker for mouse HSC. Ly6A is ubiquitous in fetal liver, adult bone marrow, adult peripheral blood and spleen.