

# PerCP/Cyanine5.5 Rabbit anti-Mouse Ly-6A/E (Sca-1) mAb

Catalog No.: A27185

## Basic Information

### Observed MW

**Calculated MW**  
115kDa

**Category**  
Primary antibody

**Applications**  
FC

**Cross-Reactivity**  
Mouse

**CloneNo number**  
ARC57786

**Conjugate**  
PerCP-Cy5.5. Ex:482nm. Em:695nm.

## Recommended Dilutions

**FC** 5  $\mu$ l per  $10^6$  cells in  
100  $\mu$ l volume

## Background

T-cell activation. Predicted to enable acetylcholine receptor binding activity and acetylcholine receptor inhibitor activity. Acts upstream of or within response to bacterium. Located in external side of plasma membrane. Is expressed in alimentary system; hindlimb tendon; liver; metanephros; and physiological umbilical hernia. Used to study osteoporosis. Orthologous to human LY6H (lymphocyte antigen 6 family member H).

## Immunogen Information

Gene ID	Swiss Prot
110454	P08648

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

TAP; Sca1; Sca-1; Ly-6A.2; Ly-6A/E; Ly-6E.1

## Contact

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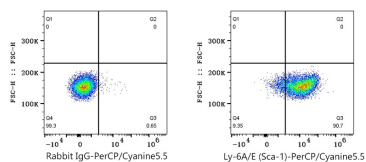
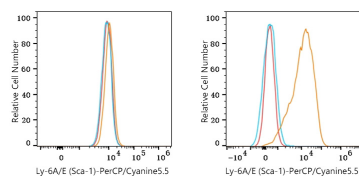
## Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.  
Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

## Validation Data



Flow cytometry:  $1 \times 10^6$  RAW 264.7 cells (negative control, left) and C57BL/6 mouse splenocytes (right) were surface-stained with PerCP/Cyanine5.5 Rabbit anti-Mouse Ly-6A/E (Sca-1) mAb (A27185, 5 µl/Test, orange line) or PerCP/Cyanine5.5 Rabbit Ig isotype control (A25620, 5 µl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry:  $1 \times 10^6$  C57BL/6 mouse splenocytes were surface-stained with PerCP/Cyanine5.5 Rabbit Ig isotype control (A25620, 5 µl/Test, left) or PerCP/Cyanine5.5 Rabbit anti-Mouse Ly-6A/E (Sca-1) mAb (A27185, 5 µl/Test, right).