

Datasheet for ABIN6243185
anti-ERAS antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	ERAS
Binding Specificity:	AA 19-52, N-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ERAS antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This (Mouse) Eras antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 19-52 amino acids from the N-terminal region of mouse Eras.
Clone:	RB51538
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ERAS
Alternative Name:	Eras (ERAS Products)
Background:	Ras proteins bind GDP/GTP and possess intrinsic GTPase activity. Plays an important role in

Target Details

the tumor-like growth properties of embryonic stem cells.

Molecular Weight: 24321

UniProt: [Q7TN89](#)

Application Details

Application Notes: WB: 1:1000. FC: 1:25

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

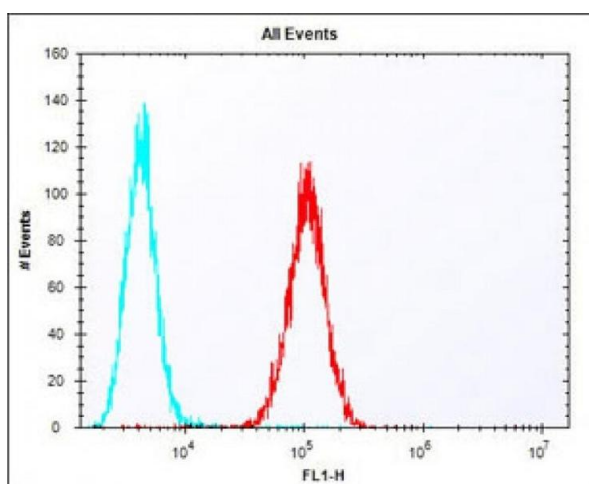
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

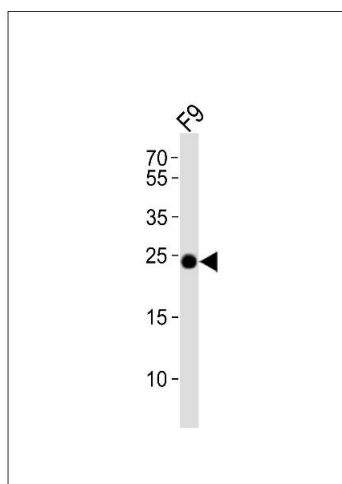
Expiry Date: 6 months

Images



Flow Cytometry

Image 1. Overlay histogram showing F9 cells stained with (ABIN6243185 and ABIN6577831) (red line). The cells were fixed with 2 % paraformaldehyde (10 min) and then permeabilized with 90 % methanol for 10 min. The cells were then incubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN6243185 and ABIN6577831), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) (1583138) at 1/400 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/1x10⁶ cells) used under the same conditions. Acquisition of >10, 000 events was



performed.

Western Blotting

Image 2. Western blot analysis of lysate from mouse F9 cell line, using Eras Antibody (N-term) (ABIN6243185 and ABIN6577831). (ABIN6243185 and ABIN6577831) was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20 µg.