



Goat Anti-Mouse Rae-1 gamma polyclonal antibody (CABT-L3186)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Detects mouse Rae-1 gamma as well as mouse Rae-1 alpha, 1 beta, 1δ and 1 epsilon in direct ELISAs and Western blots.
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Rae-1 gamma; Leu29-Ser231
Isotype	IgG
Source/Host	Goat
Species Reactivity	Mouse
Purification	Antigen Affinity-purified
Conjugate	Unconjugated
Applications	WB, IHC, BL
Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Format	Lyophilized
Size	100 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
Preservative	None
Storage	Long time storage is recommended at -20°C.
Ship	Wet ice

BACKGROUND

Introduction	Rae-1 beta is a member of a family of cell-surface proteins that function as ligands for mouse NKG2D. Other family members are designated Rae-1 alpha, gamma, delta, and epsilon. Amino acid sequence identity within this family ranges from 88 - 95%. The Rae-1 proteins are distantly related to MHC class I proteins, but they possess only the alpha 1 and alpha 2 Ig-like domains, and they have no capacity to bind peptide or interact with beta 2-microglobulin. The genes encoding these proteins are not found within the Major Histocompatibility Complex on mouse chromosome 17, but rather map to mouse chromosome 10. The Rae-1 proteins are anchored to the membrane via a GPI-linkage.
--------------	---

Keywords	Rae1;Rae-1
----------	------------

GENE INFORMATION

Synonyms	Rae1; Rae-1
Entrez Gene ID	19368
UniProt ID	O08604