



Rat Anti-Mouse Ly-6D monoclonal antibody, clone 49-H4 (CABT-L2471)

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

PRODUCT INFORMATION

Specificity	This antibody specifically binds to the ThB antigen (Ly-6D), a 15-kDa GPI-anchored protein of the Ly-6 Multigene Family.
Immunogen	BALB/c mouse plasmacytoma MOPC-104E
Isotype	IgG
Source/Host	Rat
Species Reactivity	Mouse
Clone	49-H4
Purification	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.
Conjugate	Unconjugated
Applications	FC, IHC, IP
Format	Liquid
Concentration	Lot specific
Buffer	PBS
Preservative	≤0.09% Sodium Azide
Storage	-20°C. Avoid Freeze/Thaw Cycles

BACKGROUND

Introduction Recognizes the mouse ThB cell surface antigen. The ThB antigen is present on most immature T-cells of the thymus, on Ig-, Thy-1- and Ig+ lymphoid cells in bone marrow and peripheral Bcells, but absent on peripheral T-cells. ThB is expressed in high density on spleen cells of AKR, C57BL, DBA/2, SJL and SWR stains. Balb/c, CBA, C3H/He and NZB stans express low densities of the ThB antigen on spleen cells.

Keywords LY6D;lymphocyte antigen 6 complex;locus D;lymphocyte antigen 6D;ly-6D;thymocyte B-cell antigen;Thb;Ly61;Ly-61

GENE INFORMATION

Entrez Gene ID [17068](#)

UniProt ID [Q14210](#)