



Mouse Anti-Rat CD71 monoclonal antibody, clone OX-26 (CABT-L2389)

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

PRODUCT INFORMATION

Specificity	This antibody recognizes rat CD71. CD71 also known as transferrin receptor, a homodimeric type II transmembrane protein, expressed by all proliferating cells and cells with a requirement for iron, including reticulocytes and capillary endothelium in brain.
Immunogen	PHA activated rat lymphocytes.
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Rat
Clone	OX-26
Purification	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Conjugate	Unconjugated
Applications	FC, IF, IHC-P, WB
Format	Liquid
Concentration	Lot specific
Buffer	PBS, Carrier Free
Preservative	0.09% Sodium Azide
Storage	-20°C. Avoid Freeze/Thaw Cycles

BACKGROUND

Introduction

CD71 is a 95 kD type II homodimeric transmembrane glycoprotein also known as T9 and transferrin receptor. It is expressed on proliferating cells, reticulocytes, and erythroid precursors. CD71 plays a role in the control of cellular proliferation by facilitating the uptake of iron via ferrotransferrin binding and the recycling of apotransferrin to the cell surface.

Keywords

TFRC;transferrin receptor;T9;TR;TFR;p90;CD71;TFR1;TRFR;transferrin receptor protein 1;transferrin receptor (p90;CD71);anti-CD71

GENE INFORMATION

UniProt ID

[Q99376](#)