



## 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

<b>Specificity</b>	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.
<b>Immunogen</b>	PHA activated rat lymphocytes.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Rat
<b>Clone</b>	OX-26
<b>Purification</b>	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	FC, IF, IHC-P, WB
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Buffer</b>	PBS, Carrier Free
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	-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.

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

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## GENE INFORMATION

**UniProt ID** [Q99376](https://www.uniprot.org/uniprot/Q99376)

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