



# Anti-CD44 monoclonal antibody, clone 10D1 (CABT-48095RM)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	This product specifically recognises an epitope encoded by exon v4 on the variant portion of mouse CD44.
<b>Specificity</b>	CD44v4
<b>Immunogen</b>	Recombinant CD44v4 fusion protein
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	Mouse
<b>Clone</b>	10D1
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-Fr; ELISA; WB
<b>Format</b>	Purified IgG - liquid
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Cd44 CD44 antigen [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	CD44
<b>Synonyms</b>	CD44; CD44 antigen; Ly-24; Pgp-1; HERMES; AU023126; AW121933; AW146109; PGP-I; HUTCH-I; ECMR-III; hermes antigen; hyaluronate receptor; lymphocyte antigen 24; phagocytic glycoprotein 1; phagocytic glycoprotein I; extracellular matrix receptor III; GP90 ly
<b>Entrez Gene ID</b>	<a href="#">12505</a>
<b>Protein Refseq</b>	<a href="#">NP_001034239</a>
<b>UniProt ID</b>	P15379
<b>Chromosome Location</b>	2 E2; 2 54.13 cM
<b>Pathway</b>	Cell surface interactions at the vascular wall; Cytokine Signaling in Immune system; Defective B3GAT3 causes JDSSDHD; Defective B4GALT1 causes B4GALT1-CDG (CDG-2d); Defective B4GALT7 causes EDS, progeroid type; Defective CHST14 causes EDS, musculocontractural type; Defective CHST3 causes SEDCJD; Defective CHST6 causes MCDC1;
<b>Function</b>	contributes_to cytokine binding; contributes_to cytokine receptor activity; epidermal growth factor receptor binding; hyaluronic acid binding; hyaluronoglucosaminidase activity; phosphoprotein binding; protein binding; protein kinase binding;