



# Anti-CD44 monoclonal antibody, clone CVS18 (CABT-46085MH)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse anti Horse CD11a/CD18 antibody, clone CVS9 recognizes equine CD44, a plasma membrane glycoprotein broadly expressed on the cell surface of leucocytes. CD44 is the primary receptor for hyaluronate and functions in cell adhesion. Equine CD44 is widely expressed and Mouse anti Horse CD11a/CD18 antibody, clone CVS9 may be used as a pan equine leucocyte marker. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul.
<b>Specificity</b>	CD44
<b>Immunogen</b>	Equine leucocytes
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Horse
<b>Clone</b>	CVS18
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-Fr; FC
<b>Format</b>	Tissue Culture Supernatant - liquid
<b>Size</b>	2 ml
<b>Preservative</b>	0.09% Sodium Azide
<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

## GENE INFORMATION

Gene Name	<a href="#">CD44 CD44 molecule (Indian blood group) [ Equus caballus (horse) ]</a>
Official Symbol	CD44
Synonyms	CD44; CD44 antigen; PGP-1; PGP-I; HUTCH-I; ECMR-III; hermes antigen; hyaluronate receptor; CD44 antigen-like protein; phagocytic glycoprotein 1; phagocytic glycoprotein I; extracellular matrix receptor III; GP90 lymphocyte homing/adhesion receptor; lympho
Entrez Gene ID	<a href="#">100034221</a>
Protein Refseq	<a href="#">NP_001078904</a>
UniProt ID	Q05078
Chromosome Location	chromosome: 12
Pathway	ECM-receptor interaction; Epstein-Barr virus infection; Hematopoietic cell lineage; MicroRNAs in cancer; Proteoglycans in cancer;