

## Product datasheet for **AM08140PU-N**

### CD44 Mouse Monoclonal Antibody [Clone ID: AV6]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	AV6
Applications:	FC, IP
Recommended Dilution:	<b>Flow Cytometry:</b> $< / = 1 \mu\text{g}/10\text{e}6$ cells. <b>Immunoprecipitation.</b>
Reactivity:	Chicken
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody is specific to Chicken CD44 (Mr 90 kDa). It also reacts with IgM+ Turkey B cells and a subset of Turkey lymphocytes.
Formulation:	100 mM Borate Buffered Saline, pH 8.2. No preservatives or amine-containing buffer salts added. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	<a href="#">Q9W6S4</a>
Background:	CD44 is a type 1 transmembrane glycoprotein also known as Phagocytic Glycoprotein 1 (pgp 1) and HCAM. CD44 is the receptor for hyaluronate and exists as a large number of different isoforms due to alternative RNA splicing. The major isoform expressed on lymphocytes, myeloid cells, and erythrocytes is a glycosylated type 1 transmembrane protein. Other isoforms contain glycosaminoglycans and are expressed on hematopoietic and non hematopoietic cells. CD44 is involved in adhesion of leukocytes to endothelial cells, stromal cells, and the extracellular matrix.



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**Synonyms:**

LHR, MDU2, MDU3, MIC4, CDw44, Epican, ECMR-III, HUTCH-I, Heparan sulfate proteoglycan, Hermes antigen, Hyaluronate receptor, PGP-1