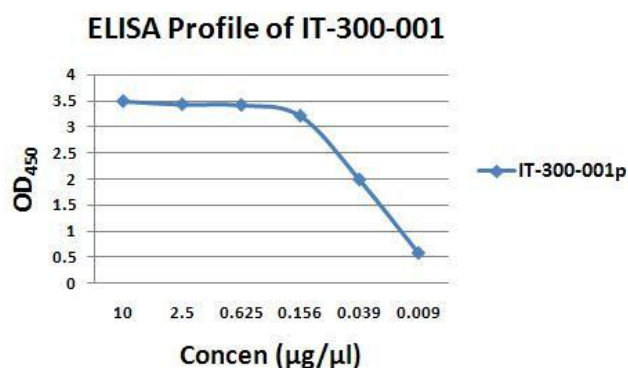




Anti-Human CD44

Product Name	Anti-human CD44
Catalog No	IT-300-001
Source	Rabbit Polyclonal Antibody
Formulation	Each vial contains 200 µg purified IgG in 100 µl PBS with less than 0.1% gelatin and 0.1% sodium Azide.
Immunogen	DNA vaccine expressing ectodomain of human CD44 (a.a. 1-1268) (Genebank No. AAM50041)
Applications	ELISA(1:1000-1:100,000), IP, etc.
Specificity	Reacts with human CD44 protein. Minimal cross-reactivity to others.
Storage	Keep it at 4°C if used within a month. For long term storage, split it into small aliquots and keep at -80°C. Avoid repeated freezing and thawing. The product will be expired one year after receiving if stored properly. Non-hazardous. No MSDS required.
Use Limitation	For research use only, not for use in diagnostic procedures.



The protein encoded by this gene is a cell-surface glycoprotein involved in cell-cell interactions, cell adhesion and migration. It is a receptor for hyaluronic acid (HA) and can also interact with other ligands, such as osteopontin, collagens, and matrix metalloproteinases (MMPs). This protein participates in a wide

variety of cellular functions including lymphocyte activation, recirculation and homing, hematopoiesis, and tumor metastasis. Transcripts for this gene undergo complex alternative splicing that results in many functionally distinct isoforms, however, the full length nature of some of these variants has not been determined. Alternative splicing is the basis for the structural and functional diversity of this protein, and may be related to tumor metastasis.