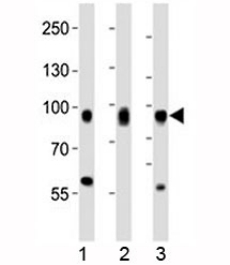
CD44 Antibody (F52703)

Catalog No.	Formulation	Size
F52703-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52703-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P16070
Localization	Cell surface, cytoplasmic
Applications	Western Blot : 1:1000
Limitations	This CD44 antibody is available for research use only.



Western blot analysis of lysate from 1) HeLa, 2) PC3, and 3) HT-1080 cell line using CD44 antibody at 1:1000.

Description

Receptor for hyaluronic acid (HA). Mediates cell-cell and cell-matrix interactions through its affinity for HA, and possibly also through its affinity for other ligands such as osteopontin, collagens, and matrix metalloproteinases (MMPs). Adhesion with HA plays an important role in cell migration, tumor growth and progression. In cancer cells, may play an important role in invadopodia formation. Also involved in lymphocyte activation, recirculation and homing, and in hematopoiesis. Altered expression or dysfunction causes numerous pathogenic phenotypes. Great protein heterogeneity due to

numerous alternative splicing and post-translational modification events.

Application Notes

Titration of the CD44 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This CD44 antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 688-722 amino acids from the C-terminal region of human CD44.

Storage

Aliquot the CD44 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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