



**K0601**

For research use only

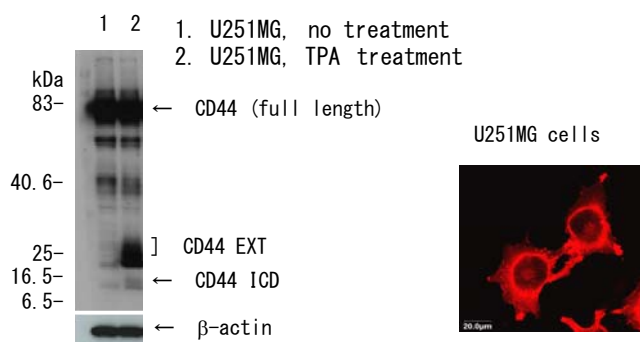
## Anti Human CD44 ICD (intracellular domain) Polyclonal Antibody

Code No.	K0601
Category	Cancer
Target	CD44
Type	Polyclonal Antibody
Concentration	0.25mg/ml
Contents (Volume)	200 $\mu$ g (800 $\mu$ L/vial)
Gene ID	960
Primary Source	CD44
Synonyms	IN; LHR; MC56; MDU2; MDU3; MIC4; Pgp1; CDW44; CSPG8; HCELL; HUTCH-I; ECMR-III; MGC10468; CD44
Immunogen	Partial peptide of Human CD44 (DQFMTADETRNLQNVDMKIGV)
Raised in	Rabbit
Purification	ProteinG
Source	Rabbit Serum
Cross Reactivity	Not Tested
Label	Unlabeled
Buffer	PBS [containing 2% Block Ace as a stabilizer, 0.1% Proclin as a bacteriostat]
Storage	Store below -20°C. Once thawed, store at 4°C. Repeated freeze-thaw cycles should be avoided.
Application	IHC, ICC, WB, IP, IF

### Recommended Antibody Dilutions

ELISA	WB	IHC	ICC
Not Tested	15-20	100-150	100-150
P	FCM	F	Neutralization
15-20	Not Tested	100-150	Not Tested

( $\mu$ g/mL)



The data is provided from Division of Gene Regulation Institute for Advanced Medical Research School of Medicine, Keio Univ., Japan

<b>UniProt Summary</b>	<p>Function 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. 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.</p> <p>//Subcellular location Membrane: Single-pass type I membrane protein.</p> <p>//Tissue specificity Isoform 10 (epithelial isoform) is expressed by cells of epithelium and highly expressed by carcinomas. Expression is repressed in neuroblastoma cells.</p> <p>//Sequence similarities Contains 1 Link domain.</p>
<b>Reference</b>	<ol style="list-style-type: none"> <li>1) Okamoto I, et al: Oncogene (1999) 18:1435-1446</li> <li>2) Okamoto I, et al: J Biol Chem (1999) 36: 25525-25534</li> <li>3) Kawano Y, et al: J Biol Chem (2000) 38: 29628-29635</li> <li>4) Okamoto I, et al: J Cell Biol (2001) 155: 755-762</li> <li>5) Murakami D, et al., Oncogene (2003) 22:1511-1516</li> <li>6) Nagano O, et al., J Cell Biol (2004) 165: 893-902</li> <li>7) Takahashi E, et al., J Biol Chem. (2010) 285: 4060-73.</li> </ol>

Manufactured by TransGenic Inc.



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