



# Anti-CD82 (full length) polyclonal antibody (DPAB-DC1757)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	This metastasis suppressor gene product is a membrane glycoprotein that is a member of the transmembrane 4 superfamily. Expression of this gene has been shown to be downregulated in tumor progression of human cancers and can be activated by p53 through a consensus binding sequence in the promoter. Its expression and that of p53 are strongly correlated, and the loss of expression of these two proteins is associated with poor survival for prostate cancer patients. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
<b>Immunogen</b>	CD82 (AAH00726, 1 a.a. ~ 267 a.a) full-length recombinant protein with GST tag. The sequence is MGSACIKVTKYFLFLFNLIFFILGAVILGFGVWILADKSSFISVLQTSSSSSLRMGAYVFI GVGAVTMLMGFLGCIGAVNEVRCLLGLYFAFLLILIAQVTAGALFYFNMGKLKQEMGGI VTELIRDYNSSREDSLQDAWDYVQAQVKCCGWVSFYNNWTDNAELMNRPEVTYPCSEVKG EEDNSLSVRKGFCEAPGNRTQSGNHPEDWPVYQEGCMEKVQAWLQENLGIILGVGVGVAI VELLGMVLSICLCRHHVHSEDYSKVPKY
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None

**Storage**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

Gene Name	<a href="#">CD82 CD82 molecule [ Homo sapiens (human) ]</a>
Official Symbol	CD82
Synonyms	CD82; CD82 molecule; R2; 4F9; C33; IA4; ST6; GR15; KAI1; SAR2; TSPAN27; CD82 antigen; tspan-27; C33 antigen; tetraspanin-27; inducible membrane protein R2; metastasis suppressor Kangai-1; kangai 1 (suppression of tumorigenicity 6, prostate; CD82 antigen (R2 leukocyte antigen, antigen detected by monoclonal and antibody IA4));
Entrez Gene ID	<a href="#">3732</a>
Protein Refseq	<a href="#">NP_001020015</a>
UniProt ID	<a href="#">P27701</a>
Chromosome Location	11p11.2
Pathway	Direct p53 effectors; p53 signaling pathway;
Function	protein binding;