

ARG23348 anti-CD82 antibody [TS82b] (azide free)

Package: 100 µl

Store at: -20°C

Summary

Product Description	Azide free Mouse Monoclonal antibody [TS82b] recognizes CD82
Tested Reactivity	Hu
Tested Application	FACS, IP, WB
Specificity	This antibody recognizes the CD82 antigen, a 60 kDa protein.
Host	Mouse
Clonality	Monoclonal
Clone	TS82b
Isotype	IgG1
Target Name	CD82
Species	Human
Immunogen	Jurkat and HEL cell lines
Conjugation	Un-conjugated
Alternate Names	Tetraspanin-27; C33 antigen; R2; Tspan-27; TSPAN27; KAI1; CD antigen CD82; CD82 antigen; ST6; 4F9; Suppressor of tumorigenicity 6 protein; SAR2; IA4; Metastasis suppressor Kangai-1; Inducible membrane protein R2; GR15; C33

Application Instructions

Application table	Application	Dilution
	FACS	Assay-dependent
	IP	Assay-dependent
	WB	Assay-dependent
Application Note	WB: Under non-reducing conditions. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification Note	Sterile-filtered through 0.22 µm.
Buffer	PBS
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CD82
Gene Full Name	CD82 molecule
Background	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. [provided by RefSeq, Jul 2008]
Function	Associates with CD4 or CD8 and delivers costimulatory signals for the TCR/CD3 pathway. [UniProt]
Highlight	Related products: CD82 antibodies ; Anti-Mouse IgG secondary antibodies ; Related news: New antibodies for exosome isolation
Calculated Mw	30 kDa