

**ARG66751**  
**anti-CD5 antibody [SQab20184]**Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Recombinant Rabbit Monoclonal antibody [SQab20184] recognizes CD5
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Monoclonal
Clone	SQab20184
Isotype	IgG
Target Name	CD5
Species	Human
Immunogen	Recombinant full length protein of Human CD5 (extracellular). The immunogen contains the specific extracellular domain (D32-P372).
Conjugation	Un-conjugated
Alternate Names	CD antigen CD5; Lymphocyte antigen T1/Leu-1; LEU1; T-cell surface glycoprotein CD5; T1

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:100 - 1:200
	WB	1:1000
Application Note	IHC-P: Antigen Retrieval: Heat mediation was performed in Tris/EDTA buffer (pH 9.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	WB: Jurkat IHC-P: Appendix tissue	
Observed Size	~ 52 kDa	

### Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA
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. 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.

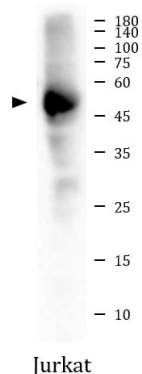
**Note**

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

## Bioinformation

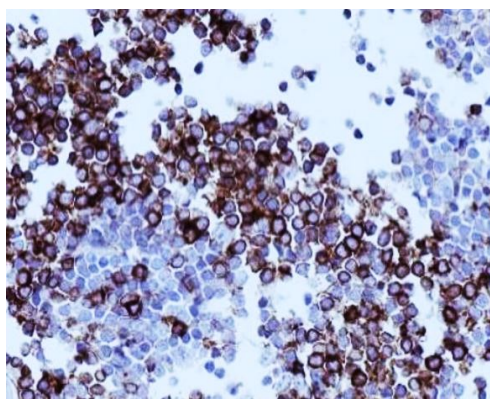
Gene Symbol	CD5
Gene Full Name	CD5 molecule
Background	This gene encodes a member of the scavenger receptor cysteine-rich (SRCR) superfamily. Members of this family are secreted or membrane-anchored proteins mainly found in cells associated with the immune system. This protein is a type-I transmembrane glycoprotein found on the surface of thymocytes, T lymphocytes and a subset of B lymphocytes. The encoded protein contains three SRCR domains and may act as a receptor to regulate T-cell proliferation. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Oct 2016]
Function	May act as a receptor in regulating T-cell proliferation. [UniProt]
Calculated Mw	55 kDa
PTM	Phosphorylated on tyrosine residues by LYN; this creates binding sites for PTPN6/SHP-1. [UniProt]
Cellular Localization	Cell membrane; Single-pass type I membrane protein. [UniProt]

## Images



ARG66751 anti-CD5 antibody [SQab20184] WB image (Customer's Feedback)

Western blot: 10 µg of Jurkat cell lysate stained with ARG66751 anti-CD5 antibody [SQab20184] at 1:1000 dilution.



ARG66751 anti-CD5 antibody [SQab20184] IHC-P image

Immunohistochemistry: Formalin/PFA-fixed and paraffin-embedded Human appendix tissue. Antigen Retrieval: Heat mediation was performed in Tris/EDTA buffer (pH 9.0). The tissue section was stained with ARG66751 anti-CD5 antibody [SQab20184] at 18°C - 25°C for 30 minutes.