



Anti-CD4 monoclonal antibody, clone 1F6 (CABT-45104MH)

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

PRODUCT INFORMATION

Product Overview	Mouse anti Human CD4 antibody, clone 1F6 recognizes the human CD4 cell surface antigen, expressed by the helper-inducer subset of T lymphocytes and also by monocytes.
Specificity	CD4
Immunogen	Recombinant human CD4
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	1F6
Conjugate	Unconjugated
Applications	IF; IHC-P; WB
Format	Tissue Culture Supernatant - liquid
Size	100 µl
Preservative	0.09% Sodium Azide
Storage	in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Warnings	For research purposes only

GENE INFORMATION

Gene Name	CD4 CD4 molecule [Homo sapiens (human)]
Official Symbol	CD4
Synonyms	CD4; CD4 molecule; CD4mut; T-cell surface glycoprotein CD4; CD4 receptor; CD4 antigen

(p55); T-cell surface antigen T4/Leu-3;

Entrez Gene ID	920
mRNA Refseq	NM_000616
Protein Refseq	NP_000607
MIM	186940
UniProt ID	P01730
Chromosome Location	12p13.31
Pathway	Adaptive Immune System; Alpha-defensins; Antigen processing and presentation; Arf1 pathway; Binding and entry of HIV virion; C-MYB transcription factor network; CXCR4-mediated signaling events; Cell adhesion molecules (CAMs);
Function	MHC class II protein binding; coreceptor activity; enzyme binding; extracellular matrix structural constituent; glycoprotein binding; protein binding; protein homodimerization activity; protein kinase binding; receptor activity; transmembrane signaling receptor activity; zinc ion binding;