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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	ARP59097_P050-Biotin
Product Page	www.avivasysbio.com/cd3e-antibody-middle-region-biotin-arp59097-p050-biotin.html
Name	CD3E Antibody - middle region : Biotin (ARP59097_P050-Biotin)
Protein Size (# AA)	207 amino acids
Molecular Weight	23kDa
Conjugation	Biotin
NCBI Gene Id	916
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	CD3e molecule, epsilon (CD3-TCR complex)
Alias Symbols	T3E, TCRE, IMD18
Peptide Sequence	Synthetic peptide located within the following region: QYPGSEILWQHNDKNIGGDEDDKNIGSDEDHLSLKEFSELEQSGYYVCYP
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	The protein encoded by this gene is the CD3-epsilon polypeptide, which together with CD3-gamma, -delta and -zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T-cell receptor-CD3 complex. This complex plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. The genes encoding the epsilon, gamma and delta polypeptides are located in the same cluster on chromosome 11. The epsilon polypeptide plays an essential role in T-cell development. Defects in this gene cause immunodeficiency. This gene has also been linked to a susceptibility to type I diabetes in women.
Protein Interactions	UBC; CSK; ZAP70; SNTA1; PTPN22; PIK3R2; PIK3R1; LAT; LCK; CD38; CD247; CD3G; TRAT1; NCK2; UNC119; SHC1; NCK1; SYK; CD3D; NCL; CD79B; TOP2B; CD3EAP; JAK3;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-CD3E (ARP59097_P050-Biotin) antibody
Blocking Peptide	For anti-CD3E (ARP59097_P050-Biotin) antibody is Catalog# AAP59097 (Previous Catalog# AAPP45085)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human CD3E
Uniprot ID	P07766
Protein Name	T-cell surface glycoprotein CD3 epsilon chain
Protein Accession #	NP_000724
Purification	Affinity Purified
Nucleotide Accession #	NM_000733
Gene Symbol	CD3E
Predicted Species Reactivity	Human
Application	WB
Predicted Homology Based on Immunogen Sequence	Human: 100%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com