

Product Datasheet

CD3E Rabbit Recombinant Monoclonal Antibody (orb1519964)

Catalog Number	orb1519964
Category	Antibodies
Description	CD3E Antibody
Target	CD3E
Clonality	Recombinant
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	Liquid
Buffer/Preservatives	Borate Buffered Saline (BBS) pH 8.2 with 0.1% rAlbumin and 0.09% Sodium Azide
Purification	Purified
Immunogen	Between 157 and C-terminus
UniProt ID	P07766
Tested applications	FC, IF, IHC, IP, WB

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

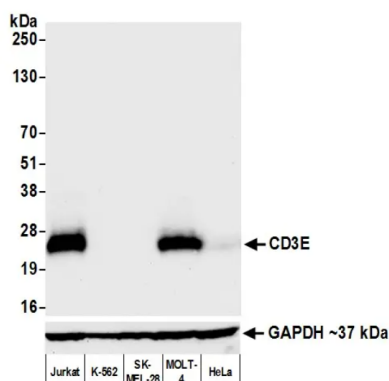
Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Dilution range	WB 1:1000, IP: 20 µl/mg lysate, IHC: 1:100 - 1:500, Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IF: 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections. FC: Fixed in 4% formaldehyde and permeabilized with 90% methanol. 1 µl per 1 x 10 ⁶ cell. mIF: 1:250
Application notes	All western blot analysis is performed using 5% Milk-TBST for blocking and as antibody diluent. Primary antibody is incubated overnight
Antibody Type	Primary Antibody
Clone Number	BL-298-5D12
Storage	2 - 8°C
Note	For research use only
NCBI	NP_000724.1
Expiration Date	12 months from date of receipt.



Detection of human CD3E by western blot. Samples: Whole cell lysate (50 µg) from Jurkat, K-562, SK-MEL-28, MOLT-4, and HeLa cells prepared using NETN lysis buffer. Antibody: Rabbit anti-CD3E recombinant monoclonal antibody used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG. Detection: Chemiluminescence with an exposure time of 3 seconds. Lower Panel: Rabbit anti-GAPDH

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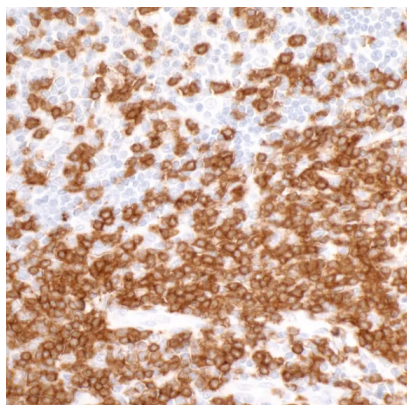
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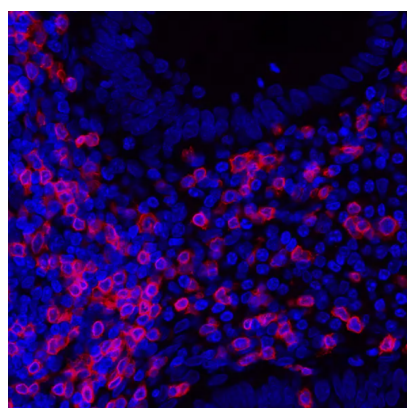
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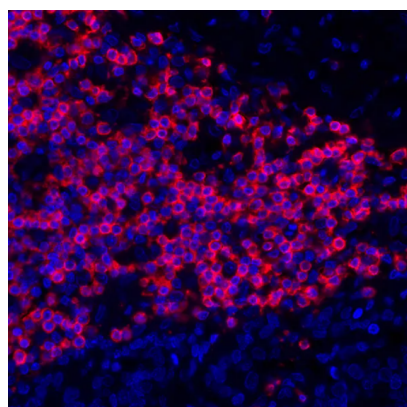
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Detection of human CD3E in FFPE tonsil by IHC. Antibody: Rabbit anti-CD3E recombinant monoclonal. Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate: DAB



Detection of human CD3E by immunohistochemistry. Sample: FFPE section of appendix. Antibody: Rabbit anti-CD3E recombinant monoclonal antibody used at 1:250. Secondary: DyLight® 594-conjugated goat anti-rabbit IgG



Detection of human CD3E (red) by immunohistochemistry. Sample: FFPE section of human lung carcinoma. Antibody: Rabbit anti-CD3E recombinant monoclonal antibody used at 1:250. Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate: Opal™. Counterstain: DAPI (blue)

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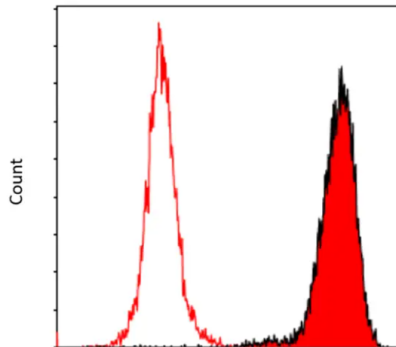
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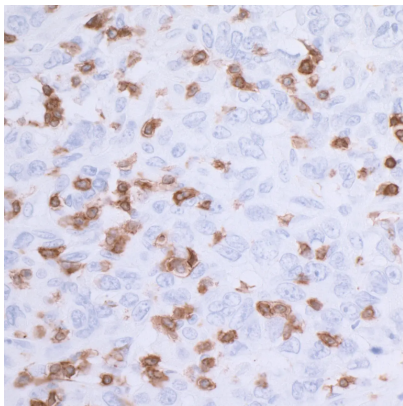
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CD3E (shaded) and isotype control

Detection of human CD3E by flow cytometry. Sample: Jurkat cells were fixed in 4% formaldehyde and permeabilized with 90% methanol. Antibody: 1E6 cells were incubated with 1 ul of rabbit anti-CD3E recombinant monoclonal antibody (red shaded) or isotype control (unshaded). Secondary: DyLight® 650-conjugated goat anti-rabbit IgG



Detection of human CD3E in FFPE breast carcinoma by IHC. Antibody: Rabbit anti-CD3E Recombinant Monoclonal Antibody (orb1519964) Secondary: Goat anti-Rabbit IgG Heavy and Light Chain Highly Cross-Adsorbed Antibody (HRP) (orb1531012). Substrate: DAB.

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