PeliCluster CD3

M1654				
CLB-T3/4.E, 1XE This clone is a switch variant from the orginal clone 1X1, which has been derived from hybridisation of SP2/0 cells with spleen cells of a (BALB/c x A/J) mouse immunized with human T lymphocytes. This antibody meets the specification for CD3 of the International Workshop on Human Leukocyte Differentiation Antigens.				
Mouse IgE				
Culture supernatant. The supernatant has been concentrated to an antibody activity compatible to that of the previously used ascites fluid.				
Each vial contains 0.1 ml concentrated culture supernatant, 0.22 μm filtered, with a concentration of approximately 1.5 mg/ml.				
None.				
Monoclonal antibodies should be stored at -18 to -32°C. The reagent is stable until the expiry date stated on the vial label.				
The monoclonal antibody is directed against the CD3 antigen (T3-antigen), which is expressed on human T lymphocytes. It reacts with 80-90% human peripheral T lymphocytes and medullary thymocytes. Does not react with B cells, monocytes, granulocytes and platelets.				
20, 25, 28 kD.				
To induce the proliferation of resting T lymphocytes for further study. In general, two signals are required to activate T lymphocytes into proliferation. <i>In vitro</i> , both signals can be given by the proper combination of monoclonal antibodies, in this respect, monoclonal antibodies against CD2, CD3 and CD28 have provided much information on the stimulatory mechanism. It was found that anti-CD2 antibodies are also able to stimulate T cells, although only in the presence of a second signal, which can be given either by more anti-CD2 antibodies directed against other epitopes on the CD2 molecule, and / or e.g. by an anti-CD28 antibody. The binding of anti-CD28 McAbs to T cells was found to enhance stimulation of the cells by anti-CD2 and anti-CD3 McAbs. Therefore, CD28 is regarded as a 'co-stimulatory' molecule. These antibodies are available in the Pelicluster [™] range.				
Item	Order number	Isotype	Clone name	Application
CD2	M1651	lgG1	CLB-T11.1/1, 6G4	T cell stimulation
CD2	M1652	lgG1	CLB-T11.2/1, 4B2	T cell stimulation
CD2	M1653	lgG1	CLB-HIK27	T cell stimulation
CD3	M1654	IgE	CLB-T3/4E, 1XE	T cell stimulation
CD3	M1655	lgG2a	CLB-T3/2, 16A9	T cell stimulation
CD28	M1650	Igg I	CLB-CD28/1, 15E8	I cell co-stimulation
1 R.A.W. var accessory activity in I 2 R.A.W. var variant mod 3 E. Bloemen 167, (1989 4 M.Th.L. Ro	n Lier et al: 'Imn cell- independen human T lympho n Lier et al: 'Fun noclonal antiboo n et al: 'Whole-b 9). pos et al: 'T cell	nobilized anti- it lymphokine ocytes', Immu ictional studies lies', J.Immun lood lymphocy function in vit	CD3 monoclonal antil production, proliferat nology. <u>68</u> , 45, (198 s with anti-CD3 heav ol. <u>139</u>), 2873, (198 yte cultures'. J.Imm.I rro is an independent	bodies induce ion and helper 9). y chain switch 7). Methods <u>122</u> , 161- progression marker
	M1654 CLB-T3/4.E, This clone is from hybridis immunized w CD3 of the I Mouse IgE Culture super compatible t Each vial cor a concentrat None. Monoclonal a the expiry da The monoclor expressed or lymphocytes granulocytes granulocytes 20, 25, 28 k To induce th In general, tw vitro, both si antibodies, in provided mu CD2 antibod second signa against other antibody. Th stimulation or regarded as Pelicluster TM <u>Item</u> <u>CD2</u> <u>CD3</u> <u>CD3</u> <u>CD3</u> <u>CD28</u> 1 R.A.W. var variant mo 3 E. Bloemer 167, (1985 4 M.Th.L. Ro	M1654 CLB-T3/4.E, 1XE This clone is a switch variant from hybridisation of SP2/0 immunized with human T lyr CD3 of the International Wo Mouse IgE Culture supernatant. The sup compatible to that of the pression of approxime Each vial contains 0.1 ml coal concentration of approxime None. Monoclonal antibodies should the expiry date stated on the expiry date stated on the expressed on human T lymp lymphocytes and medullary for granulocytes and platelets. 20, 25, 28 kD. To induce the proliferation on In general, two signals are revitro, both signals can be give antibodies, in this respect, no provided much information of CD2 antibodies are also able second signal, which can be against other epitopes on the antibody. The binding of ant stimulation of the cells by an regarded as a 'co-stimulator Pelicluster™ range. Item Order number CD2 M1651 CD2 M1653 CD3 M1654 CD3 M1655 CD3 M1654 CD3 M1655 CD3 M1654 CD3 M1655 CD3 M1654 CD4 M1650	M1654 CLB-T3/4.E, 1XE This clone is a switch variant from the org from hybridisation of SP2/0 cells with spleimunized with human T lymphocytes. The CD3 of the International Workshop on Hum Mouse IgE Culture supernatant. The supernatant has compatible to that of the previously used. Each vial contains 0.1 ml concentrated cut a concentration of approximately 1.5 mg/ml. None. Monoclonal antibodies should be stored at the expiry date stated on the vial label. The monoclonal antibody is directed again expressed on human T lymphocytes. It reat lymphocytes and medullary thymocytes. E granulocytes and platelets. 20, 25, 28 kD. To induce the proliferation of resting T lymlin general, two signals are required to activitro, both signals can be given by the proantibodies, in this respect, monoclonal antipovided much information on the stimular CD2 antibodies are also able to stimulate second signal, which can be given either th against other epitopes on the CD2 molecula antibody. The binding of anti-CD28 McAb stimulation of the cells by anti-CD2 and ar regarded as a 'co-stimulatory' molecule. Tellcluster TM range. <u>Item Order number Isotype CD2 M1651 IgG1 CD2 M1655 IgG21 CD2 M1655 IgG22 CD2 M1655 IgG21 CD2 M1655 IgG21 CD2 M16</u>	 M1654 CLB-T3/4.E, 1XE This clone is a switch variant from the orginal clone 1X1, which from hybridisation of SP2/0 cells with spleen cells of a (BALB/c) immunized with human T lymphocytes. This antibody meets th CD3 of the International Workshop on Human Leukocyte Differ Mouse IgE Culture supernatant. The supernatant has been concentrated the compatible to that of the previously used ascites fluid. Each vial contains 0.1 ml concentrated culture supernatant, 0. a concentration of approximately 1.5 mg/ml. None. Monoclonal antibodies should be stored at -18 to -32°C. The reference of the expiry date stated on the vial label. The monoclonal antibody is directed against the CD3 antigen (expressed on human T lymphocytes. It reacts with 80-90% hu lymphocytes and medulary thympocytes. Does not react with B granulocytes and platelets. 20, 25, 28 kD. To induce the proliferation of resting T lymphocytes for further In general, two signals are required to activate T lymphocytes i vitro, both signals can be given by the proper combination of natibodies, in this respect, monoclonal antibodies against CD2, provided much information on the stimulatory mechanism. It w CD2 antibodies are also able to stimulate T cells, although only second signal, which can be given either by more anti-CD2 and against other epitopes on the CD2 molecule, and / or e.g. by an atibody. The binding of anti-CD2 McAbs to T cells was foun stimulation of the cells by anti-CD2 molecule. These antibodies are a peliclusterTM range. 1 R.A.W. van Lier et al: 'Immobilized anti-CD3 monoclonal antification i lygG1 CLB-T11/21, 1482 CD2 M1655 lgG3 lgG1 CLB-T14/21, 1588 1 R.A.W. van Lier et al: 'Immobilized anti-CD3 monoclonal antificated against monoclonal antibodies', J.Immunol. 139, 2873, (198) 3 E. Bloemen et al: 'Whole-blood lymphocyte cultures', J.Imm. 167, (1989).