

Mouse anti-Human CD45, clone F10-89-4 (Monoclonal)

Clone no. F10-89-4

MONOSAN

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Product name	Mouse anti-Human CD45, clone F10-89-4 (Monoclonal)
Host	Mouse
Applications	IHC-fr, FC, IP, IHC-P
Species reactivity	human
Conjugate	-
Immunogen	Human T lymphocytes
Isotype	IgG2a
Clonality	Monoclonal
Clone number	F10-89-4
Size	0.2 mg
Concentration	IgG 1 mg/ml
Format	Purified
Storage buffer	PBS with <0.1% sodium azide
Storage until expiry date	aliquots -20°C. Thawed 2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

Mouse anti Human CD45 antibody, clone F10-89-4 recognizes the human CD45 cell surface antigen, also known as leucocyte common antigen (LCA). CD45 is a complex molecule existing in a number of isoforms. Antibodies recognizing a common epitope on all of these isoforms are termed CD45 whilst those recognizing only individual isoforms are termed CD45RA or CD45RO etc. Mouse anti Human CD45 antibody, clone F10-89-4 reacts with all forms of CD45 expressed by all haematopoietic cells, except erythrocytes, having a higher level of expression on lymphocytes than on granulocytes. Mouse anti Human CD45 antibody, clone F10-89-4 is routinely tested in flow cytometry on human peripheral blood leucocytes.

**References**

1. Dalchau R et al. Eur J Immunol 1980; 10: 745-9
2. Hauzer PV et al. Am J Pathol 2010; 177: 2011-21
3. Gogoi P et al. PLoS One 2016; 11: e0147400
4. Ndacayisaba LJ et al. Curr Oncol 2022; 29: 2954-72
5. Chai S et al. NPJ Precis Oncol 2022; 6: 41

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