

Mouse anti-CD4, clone EDU-2 (Monoclonal)

Clone no. EDU-2

MONOSAN

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Product name	Mouse anti-CD4, clone EDU-2 (Monoclonal)
Host	Mouse
Applications	FC, IHC-fr, IF
Species reactivity	human, chimpanzee, orangutan, stump-tailed macaque
Conjugate	-
Immunogen	stimulated human leucocytes
Isotype	IgG2a-K
Clonality	Monoclonal
Clone number	EDU-2
Size	100 µg
Concentration	100 µg/ml
Format	-
Storage buffer	PBS with 0.02% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

EDU-2 reacts with human CD4, a 55 kDa single chain transmembrane glycoprotein that contains four extracellular immunoglobulin-like domains and is mainly expressed on T-helper lymphocytes, but also on cortical thymus cells, microglial and dendritic cells. It binds to HLA class II molecules during the interaction of CD4+ T cells with antigen-presenting cells or target cells. CD4 also serves as the primary cellular receptor for human immunodeficiency virus (HIV). EDU-2 was assigned to CD4 at the International Leucocyte Typing Workshops II and IV.

**References**

1. Knapp W. Leukocyte Typing IV, Oxford Univ. Press, (1989)
2. Reinberz EL et al. eds. Leukocyte Typing II, Springer-Verlag, Berlin, (1985)
3. -
4. -
5. -

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