

Product datasheet      MON9943

**MONOSAN**<sup>®</sup>

Mouse anti-CD45, clone Bra55 (Monoclonal)

Clone no.      Bra55

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Product name	Mouse anti-CD45, clone Bra55 (Monoclonal)
Host	Mouse
Applications	ELISA, FC, IHC-fr, IHC-P, IF, WB
Species reactivity	human
Conjugate	-
Immunogen	cells of the non-T, non-B acute lymphoblastic leukemia cell line REH 6.
Isotype	IgG1-K
Clonality	Monoclonal
Clone number	Bra55
Size	100 ug
Concentration	100 ug/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**

CD45 glycoprotein have various molecular weight on various cell types: B-cells 240 kDa, thymocytes 180 kDa, T-cells multiple bands. Reduced in PAGE gels: 180 and 240 kDa. Isoforms are produced by alternative splicing of domains 4, 5 and 6. Various isoform are expressed differently on different lymphocytes. All hematopoietic cells express CD45 proteins except erythrocytes. Relevant epitopes are termed CD45RA (exon 4), CD45RB (exon 5), CD45RC (exon 6) and CD45R or CD45R0 (exon 4-6 spliced out).

**References**

1. Chorváth et al., Neoplasma 34(6), 685-692, (1987)
2. Chorváth et al., Neoplasma 35(5), 495-501, (1988)
3. Chorváth et al. Leukocyte Typing IV, pp. 634-637, (1989)
4. -
5. -

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