

## CD32 (IV.3)

Type	Size	Catalog number
Unconjugated	100µg	102701
	500µg	102703
FITC	25 tests	102714
	100 tests	102715
	200 tests	102716
PE	25 tests	102724
	100 tests	102725
	200 tests	102726
APC	25 tests	102744
	100 tests	102745
	200 tests	102746
iFluor™ 647	25 tests	1027124
	100 tests	1027125
	200 tests	1027126
Biotin	100µg	102751

**Antigen:** CD32  
**Immunogen:** K-562 human erythromyeloblastoid leukemia cell line  
**Host/Isotype:** Mouse, IgG2b, κ  
**Reactivity:** Human  
**Purity:** >90% pure tested via polyacrylamide gel electrophoresis (PAGE)  
**Formulation:** PBS, pH7.2, 0.09%NaN<sub>3</sub> (unconjugated)  
 PBS, pH7.2, 0.09% NaN<sub>3</sub> and 0.2% (w/v) BSA (conjugated)  
**Storage:** Store at 2-8°C and protected from prolonged exposure to light. **Do not freeze.**  
**Applications:** Flow Cytometry

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### Application Information

Each lot of these antibodies has been pre-titrated and tested by flow cytometric analysis of human PBMCs such that 0.5µg (unconjugated, Biotin) or 5µl (conjugated) of these products are sufficient for staining 1 million cells in a 100µl staining volume or 100µl of whole blood. It is recommended to titrate antibody reactivity empirically for optimal performance.

### Antigen Information

Clone IV.3 reacts with the low affinity receptor for the Fc portion of IgG (FcγRII, CD32) which is mostly expressed on human platelets, monocytes, granulocytes and some B cells. IV.3 also cross-reacts with granulocytes and monocytes of peripheral blood lymphocytes from non-human primates.

**References**

1. Strohmeier GR, et al. 1995. *J Leukoc Biol.* 58:415.
2. Sun D, et al. 2013. *Blood.* 122:571.
3. Van der Bruggen T, et al. 1994. *J Immunol.* 153:2729.
4. Dworak LJ, et al. 1997. *Arch Virol.* 142:363.
5. Rabinovitch N, et al. 2004. *Int Arch Allergy Immunol.* 133:285.

**Terms and Conditions**

This product is for research use only (RUO) and not intended for diagnostic testing.