

CD117 (BA7.3C.9)

Analyte Specific Reagent (ASR)*

| Type | Number of tests | Volume per test (μL) | Total volume (μL) | Catalog number |
|------------------|-----------------|----------------------|-------------------|----------------|
| PE- Cyanine7 | 50 | 5 | 250 | 4035082 |
| | 100 | 5 | 500 | 4035085 |
| PerCP-Cyanine5.5 | 50 | 5 | 250 | 4035062 |
| | 100 | 5 | 500 | 4035065 |

| | |
|----------------------|---|
| Antigen: | CD117, c-kit |
| Immunogen: | Human lymphoblastoid cell line HSB-2 |
| Host/Isotype: | Mouse, IgG2a, κ |
| Reactivity: | Human |
| Purity: | >90% pure tested via polyacrylamide gel electrophoresis (PAGE) |
| Formulation: | PBS, pH7.2, 0.09% NaN ₃ (unconjugated, Biotin) PBS, pH7.2, 0.09% NaN ₃ , 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 |

Antigen Information

Clone BA7.3C.9 reacts with CD117, a 145 kDa type I transmembrane glycoprotein in the receptor tyrosine kinase (RTK) family. The CD117 antigen is also known as c-kit and stem cell factor receptor (SCFR). The CD117 antigen is expressed primarily on hematopoietic progenitor cells, mast cells and neural crest-derived melanocytes.

References

1. Briddell RA, et al. 1992. *Blood*. 79:3159.
2. Broudy VC, et al. 1992. *Blood*. 79:338.
3. Linnekin D, et al. 1997. *J Biol Chem*. 272:27450.
4. Malecki M, et al. 2013. *Mol Cell Ther*. 1.

*Analyte Specific Reagent. The analytical and performance characteristics of this ASR product are not established.