Analyte Specific Reagent.
Analytical and performance characteristics are not established.

SPECIFICITY
The KOR-SA3544 antigen, also known as CEACAM6, is a granulocyte cell surface GPI-linked protein of 80-100 kDa that has been named as CD66c (1, 2). Along with CD66a, CD66b, and CD66d, it is a member of the carcinoembryonic (CEA) antigen family which are involved in neutrophil activation and signaling and intercell adhesion.
In peripheral blood, the KOR-SA3544 antibody reacts with the majority of granulocytes but not lymphocytes, monocytes, platelets or red blood cells. In normal bone marrow, only the myeloid cells are positive.

REAGENT
CD66c (KOR-SA3544)-PE
Conjugated Antibody
PN IM2357U - 1 mL - Liquid

Clone
KOR-SA3544

Isotype
IgG1, Mouse

Immunogen
KOR-SA3544

Hybridoma
X63 x balb/c

Source
Ascites fluid or supernatant of in vitro cultured hybridoma cells.

Purification
Affinity chromatography

Conjugation
R Phycoerythrin (PE)

Molar Ratio
PE / Ig : Available upon request

Fluorescence
Exites at 488 nm

Emits at 575 nm

REAGENT CONTENTS
This antibody is provided in phosphate-buffered saline, containing 0.1% sodium azide and 1 mg/mL bovine serum albumin.


STATEMENTS OF WARNING
1. This reagent contains 0.1% sodium azide. Sodium azide under acid conditions yields hydrazoic acid, an extremely toxic compound. Azide compounds should be flushed with running water while being discarded. These precautions are recommended to avoid deposits in metal piping in which explosive conditions can develop. If skin or eye contact occurs, wash excessively with water.

2. Specimens, samples and all material coming in contact with them should be considered potentially infectious and disposed of with proper precautions.

3. Never pipet by mouth and avoid contact of samples with skin and mucous membranes.

4. Do not use antibody beyond the expiration date on the label.

5. Do not expose reagents to strong light during storage or incubation.

6. Avoid microbial contamination of reagents or incorrect results might occur.

7. Use good laboratory practices when handling this reagent.

8. Any change in the physical appearance of the reagents may indicate deterioration and the reagent should not be used.

STORAGE AND HANDLING CONDITIONS AND STABILITY
This reagent is stable up to the expiration date when stored at 2 – 8°C. Do not freeze. No reconstitution is necessary. This monoclonal antibody may be used directly from the vial. Bring reagent to 18 – 25°C prior to use.

SELECTED RESEARCH REFERENCES