

anti-human CD235a PE-conjugated**Cat-No.: H12460P****1 ml****Clone:** AME-1**Specificity:**

This clone has been derived from hybridization of SP2/0 cells with spleen cells of a BALB/c mouse immunized with human erythrocytes. This antibody has been clustered to CD235a in the Seventh International Workshop on Human White Cell Differentiation Antigens. The monoclonal antibody is directed against the alpha-chain of glycophorin (molecular mass 43 kDa). In direct agglutination tests this monoclonal antibody reacts with normoblasts and erythrocytes. No reaction occurs with En(a-) erythrocytes and other normal peripheral blood cells.

Isotype subclass: Mouse IgG1**Form:**

The antibody was purified from ascites or tissue culture medium using column chromatography (ion exchange chromatography and/or affinity chromatography). Conjugated with R-phycoerythrin (PE). Molecular F/P ratio is between 1.0 - 2.0.

Physical state: Liquid**Buffer/Additives/Preservative:**

PBS containing 1 % BSA and 0.09 % sodium azide (pH 7.4).

Storage conditions:

Store at 4°C. Do not freeze. Avoid prolonged exposure to light.

Application:

The monoclonal antibody is very useful for the recognition of malignant erythroblastic diseases. Methods: Direct immunofluorescence staining with analysis by flowcytometry or fluorescence microscopy.

Warning:

Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32). Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in lead or copper plumbing where explosive conditions can develop.

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