

anti-human CD138 PE-conjugated**Cat-No.: H12459P****1 ml****Clone:** 1D4**Specificity:**

This clone has been derived from hybridisation of SP2/0 cells with spleen cells of a BALB/c mouse immunised with a myeloma cell line (TH). The monoclonal antibody is directed against an specific antigen for plasma cells. It strongly binds to plasma cells lines, including TH (the immunising cell line) and RPMI 8226. Moderate binding is seen to EBV-transformed lymphoblastoid cell lines. The antibody does not react with other lymphoid cells, including normal and leukemic B-cells. The antibody does not effect the proliferation and Ig-production of plasma cell lines.

Isotype subclass:

Mouse IgG1

Form:

Hybridoma cultured supernatant. Purification: Ammonium sulphate precipitation and ion exchange chromatography. Conjugated with R-phycoerythrin (PE). Molecular F/P ratio between 1.0 - 2.0

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

PBS containing BSA and 15 mM sodium azide, pH 7.4

Storage conditions:

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

Application:

Enumeration of plasma cells in peripheral blood or bone marrow. 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.

This material is offered for **research only**. Not for use in human. For in vitro use only. EuroBioSciences will not be held responsible for patent infringement or other violations that may occur with the use of our products.