Rabbit Anti-Human Ferritin
Code No. A 0133
Lot 048. Edition 20.12.00

**Presentation**
DAKO Rabbit Anti-Human Ferritin is the purified immunoglobulin fraction of rabbit antiserum.
- **Solvent:** 0.1 mol/L NaCl, 15 mmol/L NaN₃
- **Protein concentration:** 2.3 g/L
The titre variation between different lots of A 0133 is less than 10%. This is achieved by adjusting the titre of each individual lot to match the titre of an antibody reference preparation kept at -80 °C.

**Immunogen**
Ferritin isolated from human liver.

**Specificity**
The antibody reacts with human ferritin. Traces of contaminating antibodies have been removed by solid-phase absorption with human plasma proteins.

The specificity of the antibody has been ascertained as follows:

- **Crossed immunoelectrophoresis:** Only the ferritin precipitation arch appears when using 12.5 µL DAKO A 0133 per square cm gel area against 2 µL of human liver extract. When tested against 2 µL of human plasma no precipitate is seen. Staining: Coomassie Brilliant Blue.

- **ELISA:** In indirect ELISA, the antibody shows no significant reaction with human plasma depleted of ferritin.

- **Immunocytochemistry:** When tested by the use of LSAB® Plus/HRP kit, code No. K 0679, on formalin-fixed, paraffin-embedded human fetal liver, a positive staining is seen of the hepatocytes. No staining of other types of cells can be seen.

Antigen retrieval, such as boiling in 10 mmol/L citrate buffer, pH 6.0 improves the immunocytochemical staining. The slides should not dry out during the treatment or during the following immunocytochemical staining procedure.

**Application**
The antibody is well-suited for gel precipitation techniques, ELISA (1) and immunocytochemistry (2).

**GUIDELINE FOR DILUTION**
Immunocytochemistry: 1:400 - 1:800 (LSAB® Plus/HRP kit).

Negative control: DAKO Rabbit Immunoglobulin Fraction, code No. X 0903. Dilute X 0903 to give a protein concentration identical to that of diluted A 0133.

**Storage**
2 - 8 °C

**References**