

Datasheet



Mouse mAb to **Keratin 19**
Clone **E6**
Isotype **IgG1-κ**

Source

A BALB/c mouse was immunized with an intermediate filament preparation of rat colon mucosa.

Specifications

E6 reacts with rat, rabbit and frog keratin 19 (40 kDa). Keratin 19 is an epithelial cell marker and can also be found in certain malignancies like rat hepatoma 27 in case of E6. Furthermore, in rat, colon and bladder are positive, while liver, salivary gland, esophagus, skeletal muscle and fibroblasts are negative for E6.

Species reactivity

Positive: rat, rabbit, *Xenopus laevis*.
Negative: human, mouse.

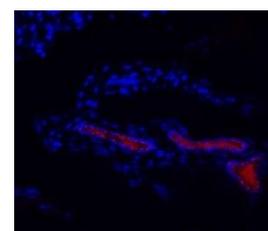


Figure 1: *Xenopus laevis* liver stained with E6 (IF)

Applications

E6 has been used in immunohistochemistry, immunofluorescence tests and Western blots.

Flow cytometry	Frozen sections	Immunofluorescence	Paraffin sections	Western blot
+	+	+	-	+

Format

Produced in tissue culture, contains no host Ig. Antibodies are affinity purified and presented in PBS with 0,02 % sodium azide.

Stored at 4°C- 8°C, shelf life is at least 24 months after purchase.

Dilution advice

- Flow Cytometry (1-2 µg/million cells in 0.1 ml, fix cells in 4% PFA for 10 min, at 4°C, permeabilize with 0,2% saponin or digitonin for 15 min, at 4°C).
- Immunofluorescence (1-2 µg/ml).
- Immunoblotting (1-2 µg/ml).
- Immunohistology (1-2 µg/ml for 30 min at RT; for staining of formalin-fixed tissues no antigen retrieval method is known to date).

Positive control

Rat colon, rat bladder, rat hepatoma 27 cells.

References

- Troianovskiĭ, SM, *Buill.Eksp. Biol. Med.* **101(6)**: 733-6 (1986).