

Datasheet



Mouse mAb to **Keratin 8**
Clone **C-43**
Isotype **IgG1-κ**

Source

A BALB/c mouse was immunized with a cytoskeleton preparation from HeLa cells.
Fusion Partner: Sp2/0.

Specifications

C-43 reacts with keratin 8 (52.5 kDa) polypeptide.

Species reactivity

Positive: cow, dog, human, pig, rabbit, sheep.
Negative: chicken, ferret, hamster, mouse, rat, *Xenopus laevis*.

Applications

C-43 can be used on paraffin sections using either citrate or protease pretreatment.

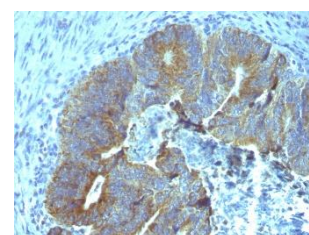


Figure 1: Human colon stained with C-43 (paraffin)

Flow cytometry	Frozen sections	Immunofluorescence	Paraffin sections	Western blot
+	+	+	Citrate/protease	+

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).
- Immunoblotting (1-2 µg/ml).
- Immunofluorescence (1-2 µg/ml).
- Immunohistology (formalin-fixed: 2-4 µg/ml for 30 min at RT; staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes, or digestion with trypsin at 1 mg/ml PBS, 15 min at RT).

Positive control

Colon.

References

- Vojtsek et al. *Folia Biol.* **35**: 373-382 (1989).
- Kovarik et al. *J.Tumor Marker Oncol.* **5**: 219 (1990).
- Bartek et al. *J. Pathology* **164**: 215-24 (1991).