

Datasheet



Mouse mAb to **Golgi complex**
Clone **AE-6**
Isotype **IgG1-κ**

Source

A BALB/c mouse was immunized with SU-DHL-1 large cell lymphoma cells.
Fusion partner: NS-1.

Specifications

AE-6 recognizes an antigen found in the golgi complex of human cells.

Species reactivity

Positive: human.
Negative: mouse, rat.

Applications

Demonstrate golgi complex in human cells by IHC, FC or IF. AE-6 is an excellent marker for human cells in xenographic model research.

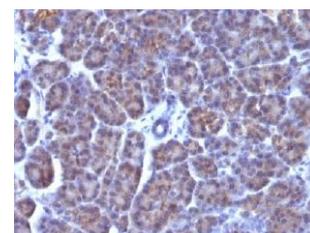


Figure 1: Human pancreas stained with AE-6 (paraffin)

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

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, permeabilized with 0,2% saponin or digitonin for 15 min, at 4°C).
- Immunoblotting (1-2 µg/ml).
- Immunofluorescence (0,5-1,0 µg/ml).
- Immunohistology (1-2 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).

Positive control

HepG2, A431 or HeLa cells, placenta, tonsil, testis and ovary.

References

- Yuasa, K. et, al. *J Biol Chem* **275(7)**: 4897-4905 (2000).
- Endo Y. et, Al, *Cancer science* **98(10)**: 1633-1637 (2007).