

# Datasheet



Mouse mAb to **CD176/TF Antigen**  
Clone **EBS-CD-056**  
Isotype **IgG2b-κ**

## Source

A BALB/c mouse was immunized with neuraminidase-treated human red blood cells.  
Fusion partner: SP2/0.

## Specifications

EBS-CD-056 recognizes the carbohydrate epitope Thomsen-Friedenreich (asialo-glycophorin; Galβ1-3GalNAc). It shows no cross-reactivity with sialylated glycophorin. Human cells normally do not carry Thomsen-Friedenreich antigen. Only after malignant transformation the antigen may appear and is thus considered a pan-carcinoma marker.

## Species reactivity

Positive: human.

## Applications

EBS-CD-056 can be applied for the detection of cells with TF-antigens. EBS-CD-056 can be used on frozen and paraffin-fixed tissue.

Frozen sections	Paraffin sections
+	+

## 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

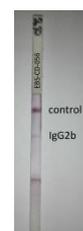
- Immunohistology (1-2 µg/ml for 30 min at RT).

## Positive control

KG1 cells or human colorectal carcinoma tissues.

## References

- Karsten U. et al, *Hybridoma* **14(1)**: 37-44 (1995).
- Cao Y. et al, *Histochem Cell Biol* **106**: 197-207 (1996).
- Baldus SE et al, *Cancer* (1998), **82(6)**: 1019-27.
- Ryder SD et al, *Gastroenterology*, **114(1)**: 44-9 (1998).
- Kanitakis J et al, *J Clin Pathol* **51(8)**: 588-92 (1998).



**Figure 1:** Isostrip EBS-CD-056 (IgG2b).