Product name: Anti-Thomsen-Friedenreich Antigen antibody [SPM320], prediluted

Description: Mouse monoclonal [SPM320] to Thomsen-Friedenreich Antigen, prediluted

Host species: Mouse

Tested applications: Suitable for: IHC-P

Species reactivity: Reacts with: Mouse, Rat, Human

Immunogen: Tissue/ cell preparation (Human). Neuraminidase-treated human red blood cells.

Epitope: Galß1-3GalNAc

Positive control: KG1 cells. Human colorectal carcinoma tissues.

Form: Prediluted

Storage instructions: Shipped at 4°C. Store at +4°C.

Storage buffer: pH: 7.60
Preservative: 0.09% Sodium azide
Constituents: Tris buffered saline, 1% BSA

Purity: Purified IgM

Clonality: Monoclonal

Clone number: SPM320

Isotype: IgM

Light chain type: kappa

Applications: Our Abpromise guarantee covers the use of ab17785 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
# Relevance

The Thomsen Friedenreich antigen acts as an oncofoetal antigen, with low expression in normal adult tissues but increasing to foetal levels of expression in hyperplasia or malignancy. It is considered as a pan carcinoma marker. Can be applied for the detection of cells with TF antigen and is especially applicable for sensitive determination of neuraminidases.

# Cellular localization

Cell Membrane

# Application

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<td>IHC-P</td>
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<td>Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.</td>
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# Target

**Relevance**

The Thomsen Friedenreich antigen acts as an oncofoetal antigen, with low expression in normal adult tissues but increasing to foetal levels of expression in hyperplasia or malignancy. It is considered as a pan carcinoma marker. Can be applied for the detection of cells with TF antigen and is especially applicable for sensitive determination of neuraminidases.

# Images

Human colon adenocarcinoma stained with ab17785 (prediluted)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Thomsen-Friedenreich Antigen antibody [SPM320], prediluted (ab17785)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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