Recombinant MICB Monoclonal Antibody

catalog number: **AN300058P**

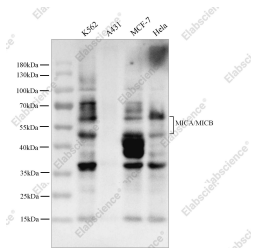
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human MICB protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C330047
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
WB:	1:1000； FC: 1:50； IP: 1:20-1:50

Data



Western blot analysis of K-562,A431,MCF7 and HeLa cell lysates using MICB Antibody (AN300058P) at a dilution of 1:1000.

Observed-MW:50-75 kDa

Calculated-MW:43 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

MICA and MICB proteins are stress - inducible molecules. They are expressed on the surface of cells under various stress conditions, such as infection, inflammation, or cellular transformation. Their main function is to serve as ligands for the NKG2D receptor, which is expressed on natural killer (NK) cells, cytotoxic T lymphocytes (CTLs), and some other immune cells. When MICA or MICB binds to NKG2D, it triggers an activating signal in the immune cells, leading to the activation of their cytotoxic functions. This helps the immune system to identify and eliminate stressed, infected, or transformed cells.

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