

## Anti-Runx-3 monoclonal antibody

(No. M7-306)

### Principal investigator

Ditsa LEVANON

### Principal investigator

Yoram Groner

Faculty of Biochemistry  
Department of Molecular Genetics

### Principal investigator

Yael Bernstein

### Principal investigator

Varda Negreanu

### Principal investigator

DALIA Goldenberg

## Summary

**Monoclonal antibody to Runx-3** Description: Monoclonal antibody to Runx-3 raised against the Runx3 peptide TPSTSPRGSLSTTSHF. Available clones: 62, H8. Runx-3 (Runt-related transcription factor 3) is a transcription factor, and a master regulator of lineage specific gene expression in several important developmental pathways. It binds to the core DNA sequence 5'-YGYGGT-3' found in a number of enhancers and promoters, and can either activate or suppress transcription. It functions as a tumor suppressor, and is frequently deleted or transcriptionally silenced in cancer.

**Reference:** [Levanon D](#) [1], [Bernstein Y](#) [2], [Negreanu V](#) [3], [Bone KR](#) [4], [Pozner A](#) [5], [Eilam R](#) [6], [Lotem J](#) [7], [Brenner O](#) [8], [Groner Y](#) [9]. 2011. Absence of Runx3 expression in normal gastrointestinal epithelium calls into question its tumour suppressor function. EMBO Mol Med. 3(10):593-604.