

CD57 natürliche Killerzellen

**Die CD57+T-Zellen agieren sowohl gegen virusinfizierte Zellen als auch gegen entartete Zellen.
The CD57+ T cells act against both virus-infected cells as well as against malignant cells.**

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Ljunggren HG, Karre K (1990) In search of the 'missing self': MHC molecules and NK cell recognition.. In: *Immunol Today.* Nr. 11(7), 237-244, [PMID 2201309](https://pubmed.ncbi.nlm.nih.gov/2201309/)
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„Abstract Natural killer (NK) cells can defend an organism against a variety of threats, probably using several different strategies to discriminate between normal and aberrant cells. According to the 'missing self' hypothesis, one function of NK cells is to recognize and eliminate cells that fail to express self major histocompatibility complex (MHC) class I molecules. In this article Hans-Gustaf Ljunggren and Klas Kärre review in vivo studies with H-2-deficient targets that support this hypothesis. In vitro studies, some of which have given conflicting results, are interpreted within a multiple choice model for NK cell recognition. The authors derive testable predictions for how MHC class I molecules act in cases where they control a rate-limiting step in the NK cell-target interaction“.

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[Huth TK](#), [Brenu EW](#), [Ramos S](#) et al. (2015) Pilot Study of Natural Killer Cells in Chronic Fatigue Syndrome/Myalgic Encephalomyelitis and Multiple Sclerosis. *Scand J Immunol.* doi: 10.1111/sji.12388. [Epub ahead of print] <http://www.ncbi.nlm.nih.gov/pubmed/26381393>
« The results from this pilot study suggest that NK cells from CFS/ME and MS patients may have undergone increased differentiation in response to external stimuli which may affect different mechanisms in the NK cell cytotoxic activity pathway « .

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