

## Basic Information

<b>Product Name</b>	Anti-CD4 Antibody (Clone#OTI10B5)
<b>Gene Name</b>	CD4
<b>Source</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Species Reactivity</b>	human, rat, dog, monkey
<b>Tested Application</b>	WB, IHC
<b>Contents</b>	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Immunogen</b>	Full length human recombinant protein of human CD4 (NP_000607) produced in HEK293T cell.
<b>Concentration</b>	500 ug/ml
<b>Purification</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Observed MW</b>	51.1 kDa
<b>Dilution Ratios</b>	Western blot (WB): 1:1000~2000 Immunohistochemistry (IHC):1:50

## Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

## Background Information

Accessory protein for MHC class-II antigen/T-cell receptor interaction. May regulate T-cell activation. Induces the aggregation of lipid rafts.

## Selected Validation Data

Product datasheet

**Anti-CD4 Antibody (Clone#OTI10B5)**

**Catalog Number: MA00344**

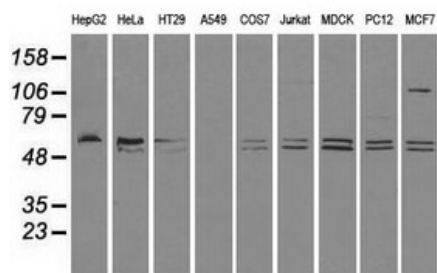


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Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-CD4 monoclonal antibody.