

## 10-4901: Monoclonal antibody to CD247/CD3 Zeta (TCR $\zeta$ , CD3 $\zeta$ ) (Clone: 6B10.2)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	6B10.2
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	CD247
<b>Gene ID :</b>	919
<b>Uniprot ID :</b>	P20963
<b>Format :</b>	Purified
<b>Alternative Name :</b>	T-cell receptor T3 zeta chain, CD247, CD3zeta, CD3Z, T3Z, TCRZ
<b>Isotype :</b>	Mouse IgG1 Kappa
<b>Immunogen Information :</b>	Human TCR zeta chain aa38-54

### Description

The invariant TCR zeta chain is a member of the CD3 complex associated with the clonotypic alpha/beta TCR heterodimer. The disulfide-linked TCR zeta homodimers transmit signals following TCR ligation. Loss of TCR zeta expression has been reported in a diverse range of disease states, including autoimmune diseases, many neoplastic conditions and chronic infections, such as tuberculosis and leprosy.

### Product Info

<b>Amount :</b>	25 $\mu$ g / 100 $\mu$ g
<b>Purification :</b>	Affinity chromatography
<b>Content :</b>	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
<b>Storage condition :</b>	The antibody solution should be stored undiluted between 2°C and 8°C.

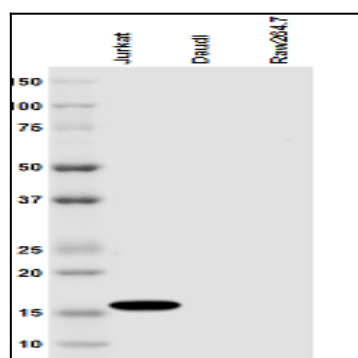


Figure-1: Western blot analysis of CD247. Anti-CD247 antibody (Clone: 6B10.2) was used at 1  $\mu$ g/ml on (1) Jurkat, (2) Daudi and (3) Raw lysates. Jurkat showing high expression and Daudi, Raw showing no expressions.