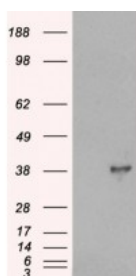


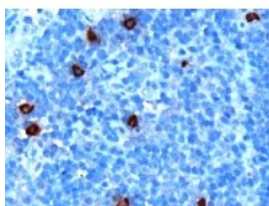


## DOK5 Antibody

CATALOG NUMBER: 45-491



HEK293 overexpressing DOK5 and probed with antibody (mock transfection in first lane).



Immunohistochemistry (1ug/ml) staining of paraffin embedded Human Tonsil. Microwaved antigen retrieval with citrate buffer pH6, HRP-staining.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA, IHC-P, WB
<b>APPLICATIONS:</b>	ELISA: antibody detection limit dilution 1:16000. Western Blot: In transfected HEK293 transiently expressing DOK5 a band of approx. 38kDa is observed. This band is not observed in the non-transfected HEK293. The calculated molecular size is 35.5kDa according to NP_060901.2. Recommended concentration, 1- Immunohistochemistry: In paraffin embedded tonsil, stains scattered cells in the interfollicular area compatible with mast cells. Recommended concentration, 1-2ug/ml.
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1305 - Human Kidney Tissue Lysate 2) Cat. No. 1315 - Human Tonsil Tissue Lysate
<b>IMMUNOGEN:</b>	DOK5 antibody was raised against a 15 amino acid synthetic peptide near the C-Terminus of DOK5.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	DOK5 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	DOK5 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	DOK5, MGC16926, C20orf180, docking protein 5, downstream of tyrosine kinase 5, chromosome 20 open reading frame 180
<b>ACCESSION NO.:</b>	NP_060901, NP_808874

**PROTEIN GI NO.:** 29544726

**OFFICIAL SYMBOL:** DOK5

**GENE ID:** 55816

### Background

**REFERENCES:** 1) Cai D, Dhe-Paganon S, Melendez PA, Lee J, Shoelson SE. Two new substrates in insulin signaling, IRS5/DOK4 and IRS6/DOK5. J Biol Chem. 2003 Jul 11;278(28):25323-30. Epub 2003 May 01.

**FOR RESEARCH USE ONLY**

December 13, 2016