

## Grp75 Ab

Images(2)

Cat.#: DF6108  
Size:

Concn.: ~1mg/ml  
Source: Rabbit

Mol.Wt.: 74kDa  
Clonality: Polyclonal

Application:

WB 1:500-1:2000, IHC 1:50-1:200

\*The optimal dilutions should be determined by the end user.

Reactivity:

Human,Mouse,Rat

Storage:

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification:

The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Immunogen:

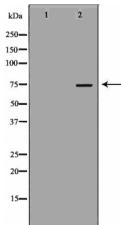
A synthesized peptide derived from human Grp75, corresponding to a region within C-terminal amino acids.

Uniprot:

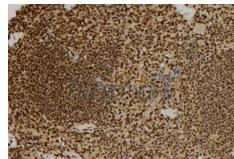
P38646

Description:

Grp75, also known as mortalin, is a member of Hsp70 family of chaperone proteins that is not heat-inducible (1,2). This protein is essential for transporting many mitochondrial proteins from the cytoplasm to mitochondria . Grp75 inactivates the tumor suppressor p53 . Studies found that Grp75 is overexpressed in many tumor tissues and immortalized human cell lines, suggesting its role in the tumor formation . Grp75 is also implicated in cell aging, as its overexpression appears to prolong the life span of human fibroblasts .



Western blot analysis of MCF7 cell lysates, using HSPA9 Ab. The lane on the left was treated with the antigen-specific peptide.



DF6108 at 1/100 staining Mouse spleen tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary Ab.



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**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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