

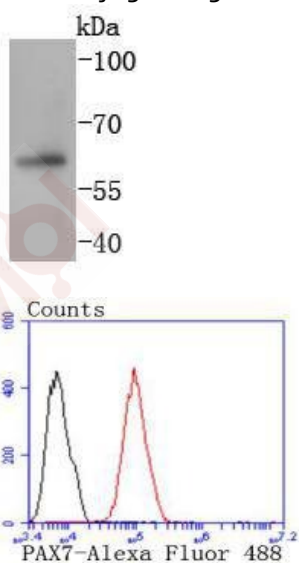
Anti-PAX7 Antibody (5T846)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 57 kDa.
Clone:	5T846
Purification:	ProA affinity purified

Applications

1. Western blot analysis of PAX7 on Hela cells lysates using anti-PAX7 antibody at 1/1,000 dilution.
2. Flow cytometric analysis of MCF-7 cells with PAX7 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



Application:	FCM,WB
Recommended	WB: 1:1000; FCM: 1:50-100

Properties

- Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
- Shipping: Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein
Uniprot ID:	P23759
Synonyms:	Paired domain gene HuP1; Paired box 7; Paired domain gene 7; Paired box protein Pax-7; RGD1564360; PAX7 transcriptional factor; Paired box gene 7; OTTHUMP00000002534; HUP1; FLJ37460; PAX7/FKHR fusion gene, included; PAX7; Paired box homeotic gene 7; PAX7B

Research Background

The Pax gene family of nuclear transcription factors is comprised of nine members that function during embryogenesis to regulate the temporal and position-dependent differentiation of cells. In addition, the family is involved in a variety of signal transduction pathways in the adult organism. Mutations in the Pax family of proteins have been linked to disease and cancer in humans. Pax-7 is a protein specifically expressed in cultured satellite cell-derived myoblasts. In situ hybridization reveals that Pax-7 is also expressed in satellite cells residing in adult muscle. A chromosomal aberration in the gene encoding Pax-7 causes rhabdomyosarcoma 2 (RMS2) (also called alveolar rhabdomyosarcoma).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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