ARG56174
anti-PAX7 antibody [PAX7/497]

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [PAX7/497] recognizes PAX7
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, WB
Host	Mouse
Clonality	Monoclonal
Clone	PAX7/497
Isotype	IgG1, kappa
Target Name	PAX7
Species	Human
Immunogen	Recombinant human PAX7 protein.
Conjugation	Un-conjugated
Alternate Names	HUP1; RMS2; PAX7B; Paired box protein Pax-7; HuP1

Application Instructions

Application table

Application	Dilution
FACS	0.5 - 1 µg/10^6 cells
ICC/IF	1 - 5 µg/ml
WB	0.5 - 1 µg/ml

Application Note

* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

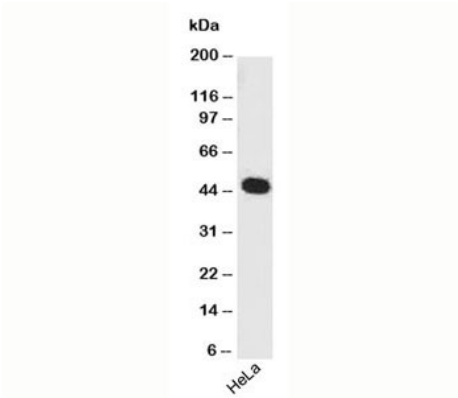
Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.05% Sodium azide and 0.1 mg/ml BSA.
Preservative	0.05% Sodium azide
Stabilizer	0.1 mg/ml BSA
Concentration	0.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 18509 Mouse GeneID: 5081 Human Swiss-port # P23759 Human Swiss-port # P47239 Mouse
Gene Symbol	PAX7
Gene Full Name	paired box 7
Background	This gene is a member of the paired box (PAX) family of transcription factors. Members of this gene family typically contain a paired box domain, an octapeptide, and a paired-type homeodomain. These genes play critical roles during fetal development and cancer growth. The specific function of the paired box 7 gene is unknown but speculated to involve tumor suppression since fusion of this gene with a forkhead domain family member has been associated with alveolar rhabdomyosarcoma. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2008]
Function	Transcription factor playing a role in myogenesis through regulation of muscle precursor cells proliferation. [UniProt]
Calculated Mw	55 kDa
Cellular Localization	Nuclear

Images



ARG56174 anti-PAX7 antibody [PAX7/497] WB image

Western blot: HeLa cell lysate stained with ARG56174 anti-PAX7 antibody [PAX7/497].