

DESCRIPTION

Species Reactivity	Human/Mouse/Rat
Specificity	Detects human PDCD5 in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human PDCD6 is observed.
Source	Monoclonal Mouse IgG ₁ Clone # 728906
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human PDCD5 Ala2-Tyr125 Accession # O14737
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

PDCD5 (programmed cell death 5), also called TFAR19 (TF-1 cell apoptosis-related 19) is a ubiquitously expressed, approximately 15 kDa protein that is upregulated during apoptosis and downregulated in many cancer cell types. Of its 124 amino acids (aa), 44 are acidic or basic. PDCD5 also contains two acetylated aa and one constitutively phosphorylated aa, S119, which is involved in promoting apoptosis. Human PDCD5 shares 95% and 96% aa sequence identity with mouse and rat PDCD5, respectively.

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