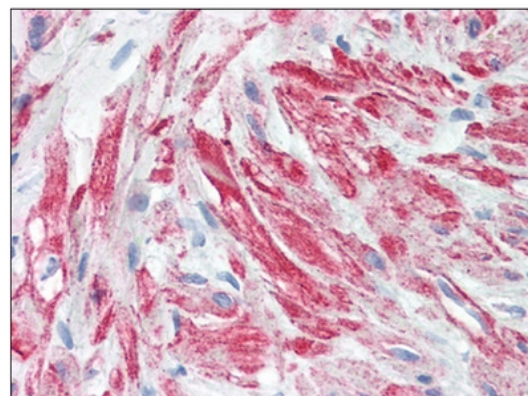


AM31715PU-N**Monoclonal Antibody to Actin beta / ACTB - Purified**

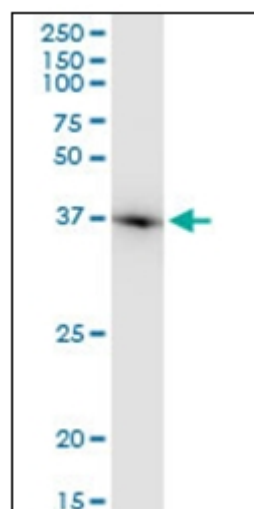
Alternate names:	Actin cytoplasmic 1, Beta-Actin
Quantity:	50 µg
Concentration:	0.48 mg/ml
Background:	Actin is a highly conserved protein that participates in a wide variety of cellular functions in eukaryotes including muscle contraction, amoeboid movement, cytokinesis and mitotic division. Beta actin is ubiquitously expressed in all eukaryotic cells.
Uniprot ID:	P60709
NCBI:	NP_001092
GeneID:	60
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), SM20P (for use in rat samples), AM03095PU-N
Clone:	1E7
Immunogen:	ACTB (AAH01301, 1 a.a. ~ 376 a.a) full-length recombinant protein with GST tag. Remarks: MW of the GST tag alone is 26 KDa.
Format:	State: Liquid purified Ig fraction Purification: Protein A Chromatography Buffer System: PBS, pH 7.2
Applications:	ELISA. Immunohistochemistry on Paraffin Sections: 5 µg/ml. Western Blot: 1/500 - 1/1000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Recognizes ACTB / Beta-actin.
Species Reactivity:	Tested: Human. Expected from sequence similarity: Mouse and Rat.
Storage:	Store the antibody (in aliquots) at -20° or -80°C. Avoid freeze-thaw cycles. Shelf life: one year from despatch.

Pictures:

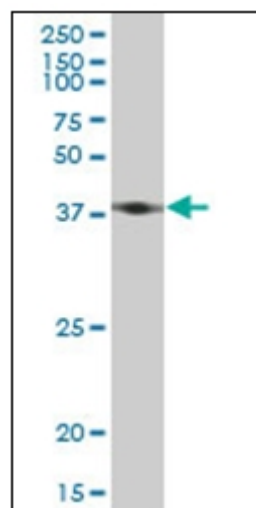
Human Prostate, Stroma: Formalin-Fixed, Paraffin-Embedded (FFPE)



Western Blot analysis of ACTB expression in NIH/3T3.



Western Blot analysis of ACTB expression in Jurkat.



Detection limit for recombinant GST tagged ACTB is 0.3 ng/ml as a capture antibody.

