

Product Datasheet

HNF-3 beta/FoxA2 Antibody (6C12) - Azide and BSA Free H00003170-M12

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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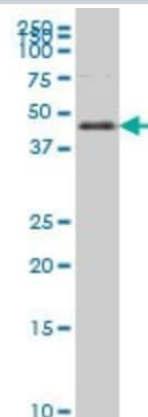
H00003170-M12

HNF-3 beta/FoxA2 Antibody (6C12) - Azide and BSA Free

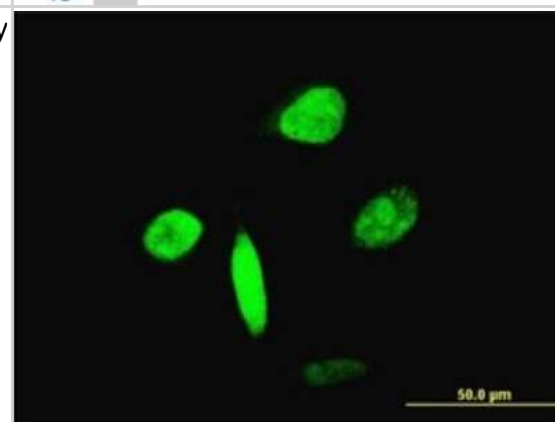
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6C12
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	3170
Gene Symbol	FOXA2
Species	Human
Specificity/Sensitivity	forkhead box A2
Immunogen	FOXA2 (NP_068556, 363 a.a. ~ 457 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. HLKPEHHYAFNHPFSINNLMSSEQQHHHSHHHHQPHKMDLKAYEQVMHYPGY GSPMPGSLAMGPVTNKTGLDASPLAADTSYYQGVYSRPIMNSS
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, Flow Cytometry, ELISA, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry- Paraffin 1:10-1:500
Application Notes	Use in Flow Cytometry reported in scientific literature (PMID:34280890). Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF, IHC-P and ELISA.

Images

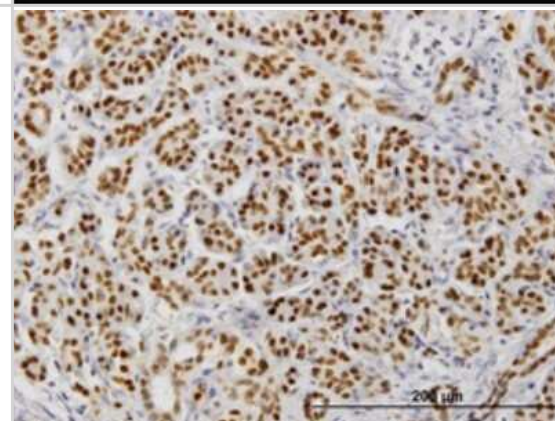
Western Blot: HNF-3 beta/FoxA2 Antibody (6C12) [H00003170-M12] - Analysis of FOXA2 expression in K-562 (Cat # L009V1).



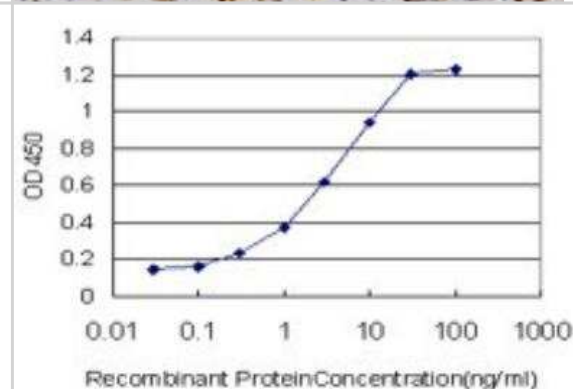
Immunocytochemistry/Immunofluorescence: HNF-3 beta/FoxA2 Antibody (6C12) [H00003170-M12] - Analysis of monoclonal antibody to FOXA2 on HeLa cell. Antibody concentration 10 ug/ml



Immunohistochemistry-Paraffin: HNF-3 beta/FoxA2 Antibody (6C12) [H00003170-M12] - Analysis of monoclonal antibody to FOXA2 on formalin-fixed paraffin-embedded human pancreas. Antibody concentration 0.5 ug/ml



ELISA: HNF-3 beta/FoxA2 Antibody (6C12) [H00003170-M12] - Detection limit for recombinant GST tagged FOXA2 is approximately 0.3ng/ml as a capture antibody.



Publications

Sabir, MS;Leoyklang, P;Hackbarth, ME;Pak, E;Dutra, A;Tait, R;Pollard, L;Adams, DR;Gahl, WA;Huizing, M;Malicdan, MCV; Generation and characterization of two iPSC lines derived from subjects with Free Sialic Acid Storage Disorder (FSASD) Stem cell research 2024-10-22 [PMID: 39461116]

JH Kim, KW Kang, BH Lee, Y Park, BS Kim Generation of human induced iPSC KUMi003-A from acute promyelocytic leukemia (APL) M3 Oncogene, 2022-07-09;63(0):102861. 2022-07-09 [PMID: 35905670]

Amanda Y, Jane W, Beverly K et al. An iPSC line derived from a human acute myeloid leukemia cell line (HL-60-iPSC) retains leukemic abnormalities and displays myeloid differentiation defects. Stem Cell Res. 2020-11-23 [PMID: 33370871]

Yan H, Yang X, Jiachen Z et al. An artificial LAMA2-GelMA hydrogel microenvironment for the development of pancreatic endocrine progenitors. Biomaterials. 2022-10-31 [PMID: 36334352]

Kim JH, Hong JH, Kang KW et al. Generation of the human pluripotent stem cell lines KUMi005-A from a patients with multiple myeloma Stem Cell Research 2022-12-01 [PMID: 36332466] (ICC/IF, Human)

Kim Jh, Kang Kw, Lee Bh Et Al. Generation of induced pluripotent stem cell line KUMi002-A with normal karyotype from a patient with Philadelphia chromosome-positive chronic myeloid leukemia Stem cell research 2021-07-12 [PMID: 34303284]

Kim Jh, Kang Kw, Lee Bh Et Al. GeneRation of the induced pluripotent stem cell line KUMi001-A carrying the Philadelphia chromosome from a chronic myeloid leukemia patient Stem cell research 2021-07-12 [PMID: 34280890] (ICC/IF, FLOW)

Lee S, Kim J, Kang K et al. Generation of normal induced pluripotent stem cell line KUMCi002-A from bone marrow CD34+ cells of patient with multiple myeloma disease having 13q deletion and IGH translocation Stem Cell Research 2020-12-01 [PMID: 33142253] (ICC/IF, Human)

Serra-Vinardell J, Sandler M, Pak E et al. Generation and characterization of four Chediak-Higashi Syndrome (CHS) induced pluripotent stem cell (iPSC) lines Stem Cell Research 2020-01-01 [PMID: 32619719] (ICC/IF, Human)

Delaforest A, Quryshi Af, Frolkis Ts et Al. GATA4 Is Required for Budding Morphogenesis of Posterior Foregut Endoderm in a Model of Human Stomach Development Front Med (Lausanne) 2020-02-19 [PMID: 32140468] (IF, Human)

Chua CW, Epsi NJ, Leung EY et al. Differential requirements of androgen receptor in luminal progenitors during prostate regeneration and tumor initiation. Elife 2018-01-15 [PMID: 29334357]

Schill D, Nord J, Cirillo LA. FoxO1 and FoxA1/2 form a complex on DNA and cooperate to open chromatin at insulin regulated genes Biochem. Cell Biol. 2018-08-24 [PMID: 30142277] (WB, Human)

More publications at <http://www.novusbio.com/H00003170-M12>



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Products Related to H00003170-M12

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-57623PEP	HNF-3 beta/FoxA2 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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