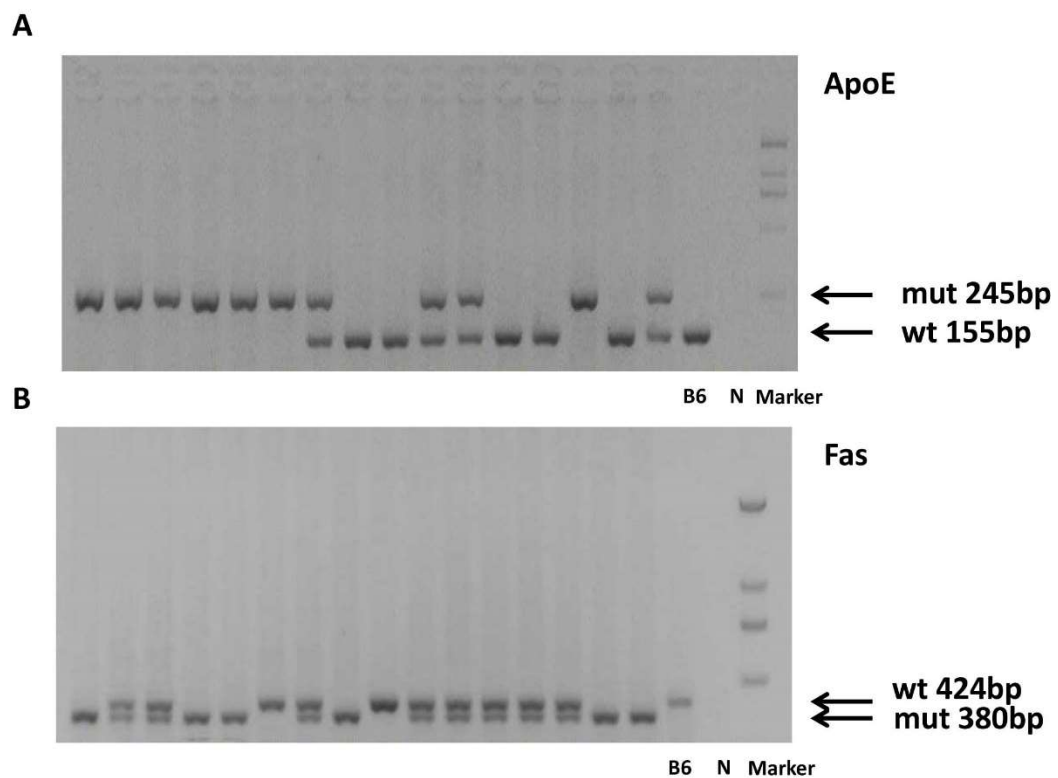


Supplementary Table 1 Primers for genotyping of ApoE and Fas

Gene(mouse)		Primers	Product length (bp)
ApoE mutation	Forward	GCCTAGCCGAGGGAGAGCCG	155
	Reverse	TGTGACTTGGGAGCTCTGCAGC	
ApoE wild type	Forward	GCCTAGCCGAGGGAGAGCCG	245
	Reverse	GCCGCCCGACTGCATCT	
Fas mutation	Forward	CTCCAGACTCTCTTGCTTTAC	380
	Reverse	GACAAGAGATTAGCCTCCAGG	
Fas wild type	Forward	CTCCAGACTCTCTTGCTTTAC	424
	Reverse	GACACCAGTTATGAAGAAAGG	

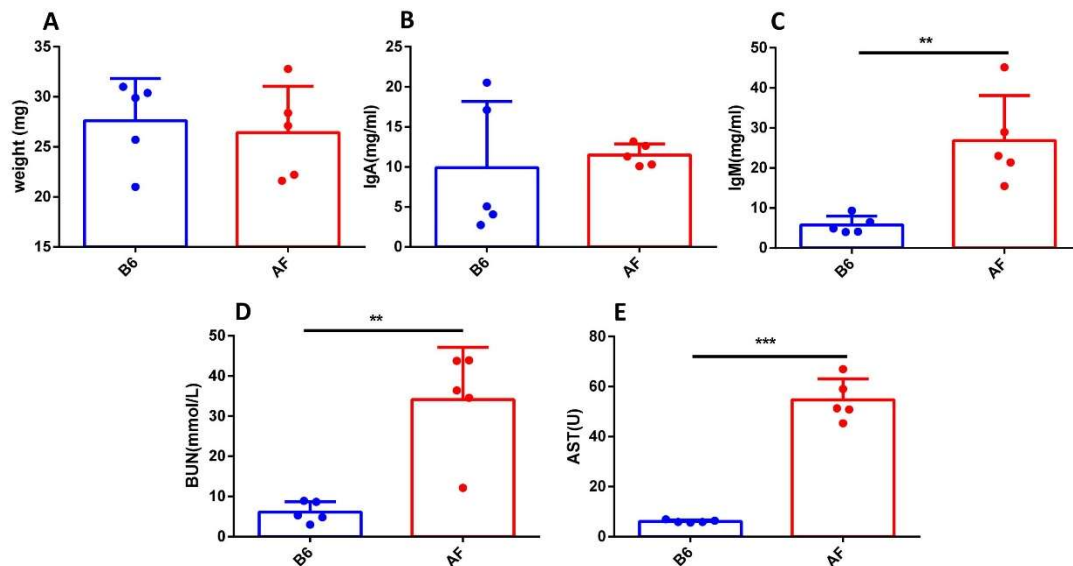
Supplementary Figure 1. Genotyping of mice.

Mice genotypes of ApoE (A) and Fas (B) mutation were identified by PCR with DNA obtained by tail biopsy. B6, C57BL/6 mouse, N, negative control, marker, DNA marker, mut, mutation, wt, wild type.



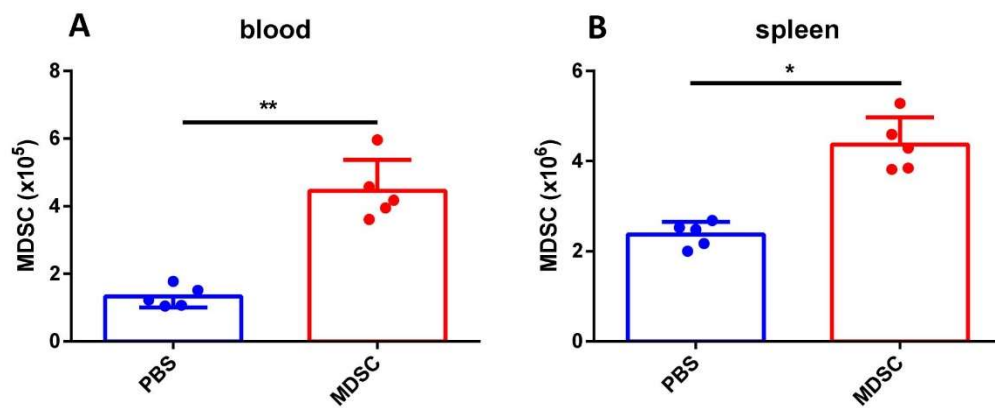
Supplementary Figure 2. The weight, IgA, IgM, BUN and AST in ApoE^{-/-} Fas^{-/-} mice.

Weights of B6 and ApoE^{-/-} Fas^{-/-} (AF) mice (A). IgA (B), IgM (C), Blood Urea Nitrogen (BUN) (D) and Aspartate Transaminase (AST) (E) in plasma from B6 and ApoE^{-/-} Fas^{-/-} mice. AF, ApoE^{-/-} Fas^{-/-} mice, n=5 mice/group, **p<0.01, ***p<0.001



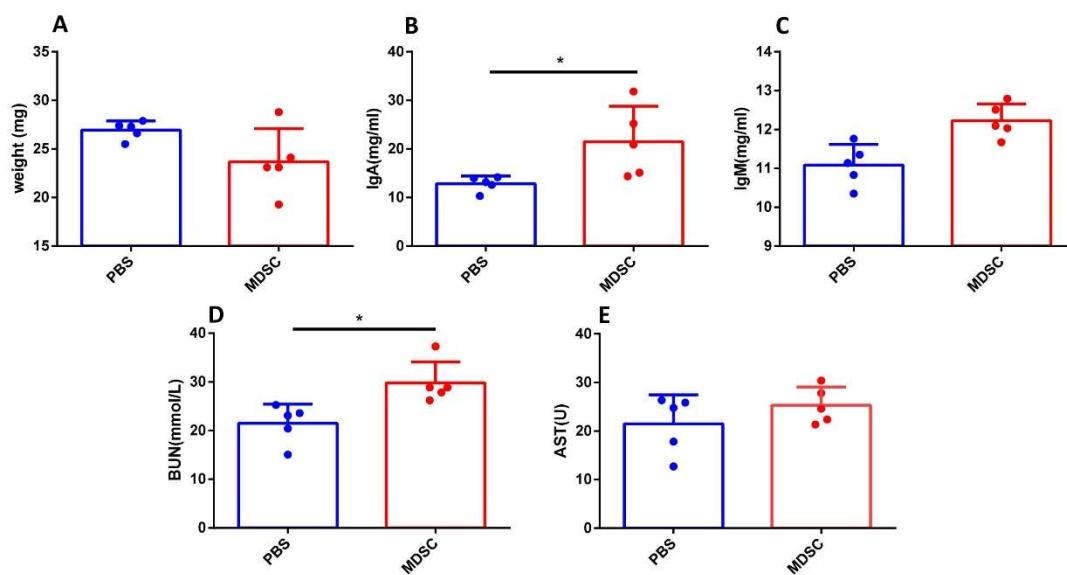
Supplementary Figure 3. Transfer of MDSCs increased the numbers of MDSCs in ApoE^{-/-} Fas^{-/-} mice.

The numbers of MDSCs in blood (A) and spleen (B) after transfer of MDSCs in ApoE^{-/-} Fas^{-/-} mice.



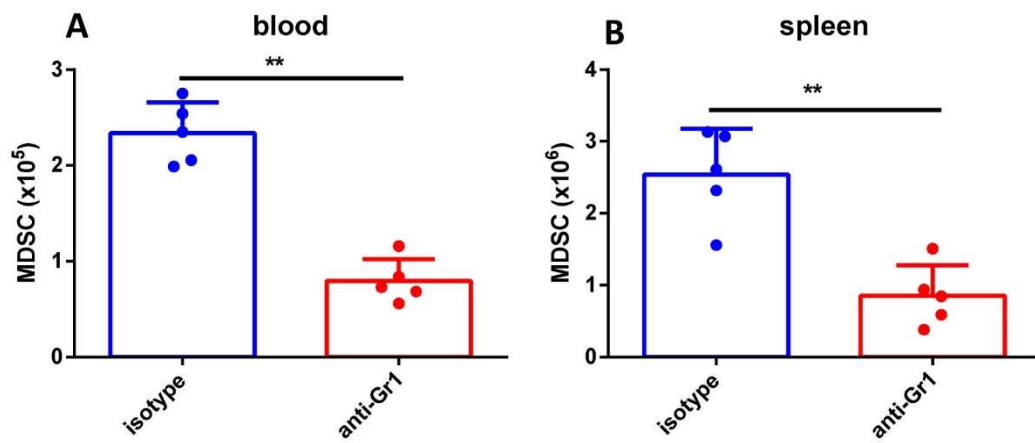
Supplementary Figure 4. The weight, IgA, IgM, BUN and AST in ApoE^{-/-} Fas^{-/-} mice after transfer of MDSCs.

The weights of ApoE^{-/-} Fas^{-/-} mice with or without transfer of MDSCs (A). IgA (B), IgM (C), BUN (D) and AST (E) in plasma from ApoE^{-/-} Fas^{-/-} mice with or without transfer of MDSCs. n=5 mice/group, *p<0.05



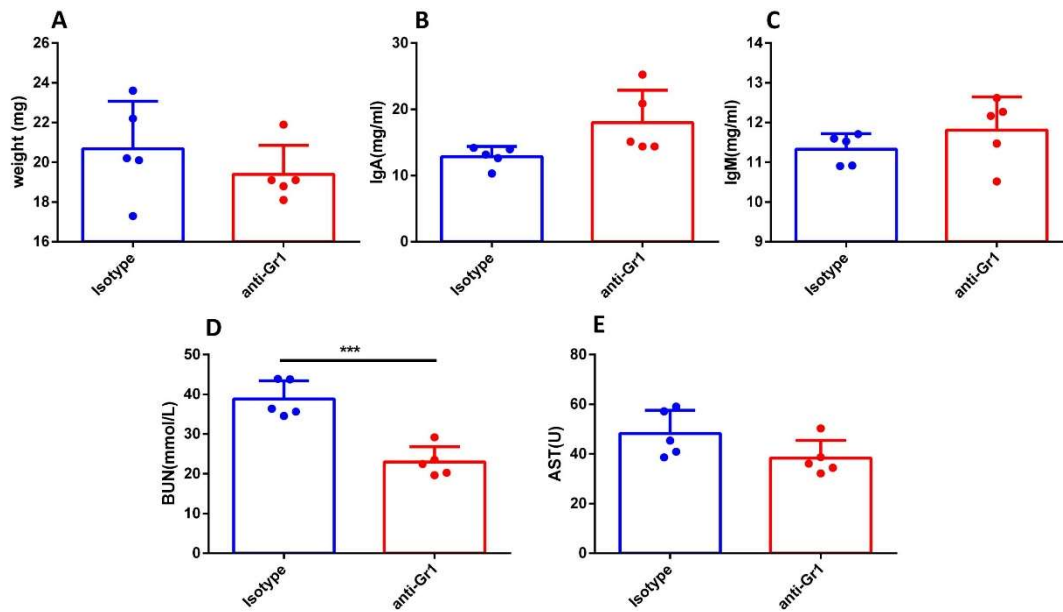
Supplementary Figure 5. Anti-Gr1 antibody treatment decreased the numbers of MDSCs in ApoE^{-/-} Fas^{-/-} mice.

The numbers of MDSCs in blood (A) and spleen (B) after treatment with isotype or anti-Gr1 antibody in ApoE^{-/-} Fas^{-/-} mice.



Supplementary Figure 6. The weight, IgA, IgM, BUN and AST in ApoE^{-/-} Fas^{-/-} mice after treatment with anti-Gr1 antibody.

The weights of ApoE^{-/-} Fas^{-/-} mice with treatment of isotype or anti-Gr1 antibody (A). IgA (B), IgM (C), BUN (D) and AST (E) in plasma from ApoE^{-/-} Fas^{-/-} mice with treatment of isotype or anti-Gr1 antibody. n=5 mice/group, ***p<0.05



Supplementary Figure 7. The weight, IgA, IgM, BUN and AST in ApoE^{-/-} Fas^{-/-} mice after MSC transplantation.

The weights of ApoE^{-/-} Fas^{-/-} mice with or without MSC transplantation (A). IgA (B), IgM (C), BUN (D) and AST (E) in plasma from ApoE^{-/-} Fas^{-/-} mice with or without MSC transplantation. n=5 mice/group, * p<0.05, **p<0.01

